

No 61,701

## THE TIMES Tomorrow

Battle... Michael Heseltine looks to Britain's nuclear defences to the end of the century



... of the sexes  
The battle of the Soho sex shops  
Star...  
Lillian Gish, the everlasting star of the silent screen  
... and garters  
Soft porn, but is it art? The photography of Terence Donovan  
Guide...  
The Times Guide to the EEC summit in Athens  
... posts  
The draw for the quarter finals of football's Milk Cup

## Murderer executed in Florida

Robert Sullivan, a committed murderer, was electrocuted in Starke, Florida. Sullivan, aged 36, had spent 10 years on Death Row after being found guilty of killing a restaurant worker to steal \$2,700 (£1,800).

## Bribery denied

Otto Graf Lambsdorff, the West German Economics Minister, categorically denied allegations that he had taken bribes from the giant Flick company. Page 7

## Seaweed alert

Radioactive seaweed, contaminated by up to 1,000 times the normal level, has been washed up on beaches near Sellafield (Windscale) nuclear processing plant in Cumbria. Page 2

## Kidnap move

Police have freed the security chief of the Irish supermarket chain whose chairman, Mr. Don Tiddy, has been kidnapped. He had been held in an apparent attempt to prevent any ransom being paid.

## RUC bullet

The Royal Ulster Constabulary have admitted that one of their bullets killed Mrs. Bridget Foster, aged 80, during a gun battle in Pomeroy, Co Tyrone, on Monday.

## Share record

Share prices set a record on the London Stock Exchange. The FT 30 share index touched 750.9 points at 11 am, before investors took profits. Pages 15 and 23

## Stumped

Colin Croft, the West Indian fast bowler touring in South Africa, was told to leave a "whites only" compartment in a suburban Cape Town train. Page 7



Computer Horizons offers a last chance to win a school computer and provides a forum for debate on whether numeracy is on the wane. Pages 19-21

Leader page 15  
Letters: On the GLC, from Mr J Wilkinson, MP, and Mr C Taylor; research cuts, from Professor E H Francis and others.  
Leading articles: Warrington dispute; US and Israel; DES dispute.  
Features, page 12, 14  
Unemployment: Francis Pym on the human factor; the law and the pickets; Jacques Chirac, musketeer on the attack; a profile of Andreas Papandreu Obituary, page 16  
Sir Anton Dolin, Richard Llewellyn

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# Pickets return and defy threat of more court action

● Hundreds of National Graphical Association pickets gathered last night in Warrington outside the Stockport-based Messenger newspaper plant in defiance of a threatened second writ against the union

● The High Court granted an injunction restraining the NGA from repeating last week's Fleet Street walk-out and the Court

By David Felton and John Witherow

Hundreds of pickets gathered outside the Stockport Messenger plant last night in defiance of a threat to take their union back into court to face yet more fines for illegal picketing.

Mr Selim (Eddie) Shah said that he would seek his second writ this week to force the National Graphical Association (NGA) into Manchester High Court tomorrow. There he intends to ask the judge not to jail union members but to fine the union again for secondary picketing.

He added yesterday: "We have no intention of making martyrs out of them. If it is possible to ask the judge not to jail them then we will do that."

Mr Shah was speaking after a night of violence outside his Warrington plant where 4,000 pickets battled with 1,500 police in a vain effort to block the company's vans removing newspapers for distribution.

It was a reminiscent of the rioting in English cities during 1981. 43 people were injured, including 25 policemen, and 73

of Appeal ordered the seizure of the union's £10m assets

● The Home Secretary said that he had assured the Chief Constable of Cheshire of complete support if he exercised his "very considerable powers"

● The tactics and determination of up to 2,000 well-organized police broke Tuesday night's siege (back page)

arrests were made. Four policemen and a demonstrator were kept in hospital, mainly suffering from head injuries.

In spite of the determined efforts of the pickets, who set barricades ablaze and hurled stones and bottles at police, a van carrying 35,000 newspapers left by a surprise exit shortly before dawn.

Another left during the afternoon to taunts from a few dozen demonstrators because it was protected by about 40 policemen.

The remaining two vans were expected to leave last night and early today, leading to promises by pickets of further demonstrations. Many said they would be returning again last night.

Mr Shah, commenting on the mass picketing, which lasted for seven hours, described it as disgraceful.

The NGA, however, said that the police had over reacted, and issued an official complaint against the Cheshire force.

Union officials said that policemen closed the union's public address system, so preventing them from controlling the picket. Cheshire said that they would investigate the incident.

Mr George Jerrom, the NGA's national officer for Fleet Street, described the closure of the public address system as "bloody disgraceful. The police were unnecessarily violent and had no reason to close it."

Last night about 2,000 people were expected to attend a meeting in Manchester for sympathetic trade unionists. Conches were being laid on to take demonstrators to Warrington.

Seventy-two people appeared in two special magistrates courts at Warrington yesterday, 50 charged with causing a breach of the peace, and 22 with wilful obstruction. Nine printers, six painters, and 13 were unemployed. All were granted bail except one who was remanded in custody.

Law and the pickets, page 14  
Leading article, page 15  
Frank Johnson, back page



An injured policeman getting help from a colleague after scuffles with pickets at the Messenger group's Warrington print works (Photograph: Suresh Karadia)

# Pym calls for wiser policies

By Julland Haviland  
Political Editor

Mr Francis Pym, the former Foreign Secretary, called yesterday for wiser and more sensitive political leadership for more candour in discussing the scale of the recession, and for the Government to share responsibility for ameliorating social evils.

The problems of the next decade or more throw out a formidable challenge to political leadership, he said. Attempts to cure them by applying economic measures in a social void would lead to catastrophe.

National unity and social cohesion were under pressure which would increase, and which required "a genuine intention to govern on behalf of the whole nation" with a generous spirit and without dogma.

In opposition to the prevailing doctrine of his former colleagues in the Cabinet, Mr Pym, who was speaking to Oxford University Conservatives, asserted that unemployment, to which he traced increased lawlessness, was a more serious problem than inflation.

—Aod he expressed dismay at the Government's commitment to cutting taxes, which he thought would require gratuitous further cuts in government expenditure at the expense of pensioners and the unemployed.

Every line of Mr Pym's long discourse on leadership and of his definition of "true statesmanship" was an implied reproach to Mrs Margaret Thatcher. It is important because, as a former Chief Whip and Leader of the Commons, Mr Pym has a strong personal following as Westminster and in the constituencies, and he identified himself as a "so-called" weaver or critic of the government.

To Conservatives, he said yesterday, governments that tended to suppress the individual and governments that promoted sections of society at the expense of the whole were equally unpalatable. Expecting the individual to do everything for himself was, as unjust as excessive State control.

"Governments exist to ensure that the strong do not tyrannize the weak. Personal responsibility... yes. Self-improvement... yes. Unbridled self-interest... no thank you."

Mr Pym said that Conservative discourse on the role of government was bedevilled by the "spectre of intervention versus laissez-faire". It was wholly inappropriate when governments saw it as a virtue to do as little as possible. At present the government could make a contribution to solving our social problems and if it did not do so the consequences would be very serious, not least for itself.

The human factor, page 14

## Fleet Street granted injunction

By Paul Rontledge  
Labour Editor

The High Court yesterday granted an injunction restraining the National Graphical Association (NGA) from repeating last week's two-day walk-out in Fleet Street and the Court of Appeal ordered the seizure of the NGA's £10m in new legal moves against the union.

As the pickets began massing again at the plant of the Stockport-based Messenger newspaper group, at Winnick Quay, Warrington, Mr Joe Wade, the union's general secretary, said that he and his executive council were ready to go to prison rather than pay fines and obey orders made under the employment Acts.

The conciliation service, Acas, is still trying to bring the parties together to discuss a negotiated settlement of the long-running dispute over a closed shop and the alleged victimization of six printing workers, but Mr Selim (Eddie) Shah, publisher of the newspaper, said: "The negotiations are dead". He said he intends to go back to the High Court in Manchester seeking fresh writs and added: "We shall not be intimidated by bully-boy tactics."

The other main printing union, Sogat '82, yesterday pledged its "total support to the NGA and called on its branches to give all possible assistance in response to the TUC's call for "proper" support from the rest of the Labour movement.

Mr Wade, speaking on BBC Radio 4, said that union lawyers had advised that continuing failure to abide by the court orders to call off the mass picket could result in his being jailed with his colleagues.

"Members of my national council and national officers and myself have made clear that, because this is such an important matter of principle, if we are not prepared to go to prison."

"We are not looking to become martyrs. We do not want to become martyrs. We do

## Brittan tells police 'use your powers'

By Our Political Editor

Mr Leon Brittan, the Home Secretary, was cheered yesterday by Conservative MPs when, in replying to the Commons on Tuesday night's violence at Warrington, he said he had assured the chief constable of Cheshire of complete support in any use he wished to make of his "very considerable powers".

Mr Brittan said that the purpose of the pickets was clearly not to communicate information, not persuasion, not even demonstration. It was physically to prevent newspapers being moved from the premises. Many had come from far afield, armed with offensive weapons and prepared to use violence on the police.

It was not spontaneous action but organized, he said, and a document which he held invited people to join the picket line in return for £25 for lost time.

Mr Gerald Kaufman, Labour shadow home secretary, began by saying that the Opposition categorically condemned "all violence in all circumstances, in whatever place and for whatever reason."

But the deplorable scenes of violence at Warrington, he said, were a direct outcome of the Government's folly.

Mr Norman St John-Stevas, from the Conservative benches, complained of "weasel words" from Mr Kaufman and said that Mr Neil Kinnock, leader of the Opposition, should humble himself and condemn the violence without qualification.

Mr Brittan complained that MPs were using the protection of the Commons to pass judgment on the police, which he could not do because of his ultimate responsibility for police discipline. But all complaints would be properly investigated.

Parliament, page 4



Mr Brittan (left) and Mr Kaufman.

## Tip No 547 frees Heineken

From Robert Schuil  
Amsterdam

Exactly three weeks after they were abducted, Mr Alfred Heineken, chairman of one of Europe's largest breweries and his chauffeur Mr Ab Dodder were freed at dawn yesterday.

Both men were in good health but in need of a rest after their ordeal. They were immediately taken to Mr Heineken's home in Noordwijk, a coastal resort on the North Sea.

Immediately after they were freed police arrested 24 people holding three of the seven men described in the main article.

All three men voluntarily gave statements to the police. The police disclosed that a ransom had been paid to the kidnappers early on Monday, but that it was not the sum of £7.5m as reported in the press. A Dutch press agency later reported the sum was between £7.5m and \$m (which \$m guilders have been recovered).

The police received a total of 750 tips and it was tip No 547 that finally led to the warehouse on an industrial estate near the airport on Monday where Mr Heineken, aged 60, and Mr Dodder, aged 57, were held for three weeks, chained to the wall of purpose built cells in conditions described by the police as "medieval".

The tip, an anonymous letter received on November 16 by the brewery, drew the attention of the police to three men operating "a business center" on the industrial estate.

Suspicious, men were aroused when the men ordered two takeaway meals at a Chinese restaurant and confirmed when they shadowed the men to a metal near Utrecht, where they dropped off a message concerning the payment of the ransom.

Information on the men was handed over on Monday by dropping it in postal bags through a grating in a road bridge near Utrecht to the road below, where the kidnappers waited in a car.

When nearly two days later the kidnapped men had still not been released, the police decided that the time had come to act. Photographs, page 8

## Lawyers accused of plot to 'noble' MPs

By Philip Webster, Political Reporter

Methods being employed by the Law Society in its attempt to secure the defeat of legislation which would break the monopoly of solicitors on conveying work have been reported to the Speaker of the Commons, Mr Bernard Weatherill, as a possible breach of parliamentary privilege.

Mr Weatherill has been given a copy of a record of a meeting held for Law Society press officers and parliamentary liaison officers at the Law Society's Hall on November 15.

It states that the society has engaged a firm of parliamentary consultants "to defeat the Bill" that it will "put pressure on Conservative MPs to force the Government to vote against the Bill" and that the professional association should persuade their MPs to vote against it. It speaks of people at the meeting being given a "who's who" of unqualified conveyancers giving information "which might be useful to spokesmen if they found themselves appearing opposite an unqualified conveyancer."

One speaker asked whether the attention of the Prime Minister had been directed to the political disadvantage of failing to assist the Law Society at this time, and Mr Holland said that he would be seeing Mr Ian Gow, Minister for Housing and Construction, and Mrs Margaret Thatcher's former parliamentary private secretary, to seek his advice.

Mr Austin Mitchell, Law Society, dislikes his Bill.

## £17m paid to robbed gold owner

More than £17m was paid out yesterday by insurance officials to the biggest single loser in the £26m gold bullion robbery last weekend. The entire loss is expected to be paid by the end of the weekend. (Our Crime Reporter writes)

A spokesman for the insurers' brokers, Stewart Wrixton (Surety) said yesterday that the money had been paid to a British company who owned the majority of the gold taken from a Brinks-Mat warehouse close to Heathrow last Saturday. The spokesman said the owners of the bullion had asked not to be identified for commercial reasons.

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THE FAMOUS GROUSE  
FINEST SCOTCH WHISKY  
Quality in every dram

# Caught in the agony of El Salvador's crossfire

From John Carlin, San Salvador

Everywhere in San Salvador - outside McDonald's hamburger bars and government buildings - you see sassy men in jeans clutching automatic rifles or stubby black machine guns.

Everyone you meet whether armed or unarmed, gives you the feeling they are only provisionally alive.

The notorious *matanza* (slaughter), of 1932 set the tone for present-day El Salvador. General Maximiliano Hernandez Martinez, who was then President, ordered the massacre of 30,000 peasants and the execution of their leader, Agustin Farabundo Marti, thereby instituting 50 years of military rule during which the gun has been the only plausible instrument of political persuasion.

Today, El Salvador's most active right-wing death squad takes its name from that general. The left-wing rebels

take theirs from the executed peasant leader. The Farabundo Marti National Liberation Front (FMLN).

Stopping up their actions, the death squads are ever more frantically trying to preserve an established order under threat from both the Americans, who wish to change it, and the FMLN, which wishes to destroy it.

The Americans are promoting land reform, "dialogue" and presidential elections, recently scheduled for March 25 next. These concepts are considered "communist" by the Maximiliano Hernandez Martinez Brigade, which perceives rule of terror as the only means of keeping alive a system under which 2 per cent of the population control 98 per cent of the nation's wealth.

The rebels' stated objectives are not too far from those of the Americans but, because of past disappointments, they abhor the good intentions of *los imperalistas yanquis*.

One result of this is a US Embassy in San Salvador fortified like a Norman castle. Outside it, Embassy staff travel in armoured-pallet pick-up trucks with bullet-proof, dark-tinted windows.

But the right is as much of a threat to them as the left.

Many on the Salvadoran right eye with envy neighbouring Guatemala where, without the human rights strings of US assistance, the military have successfully contained the left through a policy of mass extermination of civilians.

When the US military adviser, Captain Albert Schaeffer, was killed by a gunman in San Salvador on May 25, many US Embassy officials at first believed that he had been the victim of a right-wing death squad. Privately Embassy officials expressed surprise when the FMLN claimed responsibility.

"If the Americans in El Salvador are caught in crossfire, all the more so are the Salvadoran people, who are largely bemused by the motives behind a four-year civil war which has claimed more than 40,000 civilian lives.

"I do not know why, but both the authorities and the subversive hate us," said a peasant woman selling paste-stricken hens in San Salvador's central market.

Alliances, when they exist among the bulk of the 50 per cent illiterate adult population, tend to be founded not so much on political conviction as on personal misfortune.

In the case of the hen seller, she was in two minds because, on the one hand, the authorities had forcibly recruited two relatives of hers into the army and, on the other, the guerrillas had killed them in battle.

Many residents of Tenancingo, in the embattled north-east, previously blurred in their civil

war perceptions, defined their positions more sharply after the Air Force bombed their town on September 27, killing about 50 civilians.

Alliances apart, many of El Salvador's 4.5 million people are unclear why the two sides are fighting. The rebels have succeeded in communicating to few people that among their goals, for example, is a fairer distribution of wealth.

Indeed, many people in the country say they long for the old days of *coronelismo*, oligarchic supremacy when they were wretched - say they are now - and *campesinismo* endured but, at least, less *trampolles*.

Recently the death squads have been recruiting *campesinos* if the politicians have failed to attract bodies. The exceptions, such as those recruited by the Americans, are drilled by both right and left, only grounds more violence.

# Inquiry starts into cases of leukaemia near nuclear power stations

By Pearce Wright, Science Editor

An investigation into the incidence of cancer among people living near all nuclear power installations has started. The pattern of the illness is to be studied before and after the plants were built, and a comparison made with similar populations remote from any nuclear installation.

The study, to be conducted by the Protection Board and the epidemiological research unit at Oxford University, will not be completed before next year. Nevertheless, the results of that study may be the only way of resolving the controversy over the number of cases of leukaemia among children living in villages near the nuclear fuel reprocessing plant at Sellafield, formerly Windscale, in Cumbria.

Accusations that the incidence of leukaemia is between five and 10 times higher than the national average among children in three villages close to Sellafield, are contained in the findings of a new report that is the basis of a documentary television programme to be shown on independent television tonight.

The allegation that radioactive pollution from Sellafield is the cause of higher than average figures is rejected by British Nuclear Fuels. Mr Harold Bolter, the company secretary, said yesterday: "We are not responsible for the effects which Yorkshire Television say they have found."

Mr Peter Mummery, director of health and safety for the company, says: "Yorkshire Television bases its accusations on its own unvalidated findings that the incidence of cancer among children in three villages near Sellafield is higher than the national average. "In small areas variations from the national average, both upward and downward, may be expected. It is well known to experts in cancer statistics that sometimes unusually high numbers can be found in relation to the size of the community.

These are described as 'clusters'. Mr Mummery added: "A quick examination by British Nuclear Fuels has identified a town in Cumbria some 30 miles from the coastline where a cancer cluster exists."

The company's officials were not prepared to give the name of the town. However, the evidence gathered for the television documentary was examined by Professor Edward Radford, a leading epidemiologist in that field from Pittsburgh University in the United States. He was chairman of a committee of the US National Academy of Sciences set up to look into the effects of radiation, and he has been an adviser to international groups studying safety issues.

Professor Radford supports the catastrophic interpretation of the figures on leukaemias when taken in conjunction with the measurements of the radioactive activity in silt from streams, beaches, fields, and from house dust to show that radioactive substances come from Sellafield.

Yet British Nuclear Fuels is not disputing the existence of low levels of contamination of radioactive substances. But it says: "Assuming the highest figures quoted for levels of radioactivity to be correct, children would have to eat 20lbs of dust a year or sit in one tiny spot on a muddy estuary for 500 hours in a year before permitted limits would be reached."

The fiercest argument is over the suggestion that the conditions must inevitably get worse. British Nuclear Fuels rejects the suggestion that there is an accumulation of plutonium along the coast, but that judgment presupposes an exact understanding of how the radioactive material in the environment got there from Sellafield.

Recent surveys have shown that plutonium and americium discharged into the sea by a waste pipe from Sellafield into the Irish Sea are being transported back to the land. The theory is that waste deposited on the seabed is stirred up with sediments in stormy conditions. The suspended particles containing plutonium are driven to the coast by winds and tides, washed ashore, dried by the sun and blown into the atmosphere.

The waste discharges have been made for 20 years and, according to the documentary programme, a quarter of a ton of plutonium has been discharged, enough to give 250 million people a lethal dose if dispersed through the atmosphere.

Of the CAP report says it is "contrary to the spirit of the founding fathers of the EEC... ineffective... expensive... unpopular except with farmers and bureaucrats and seemingly incapable of reform."

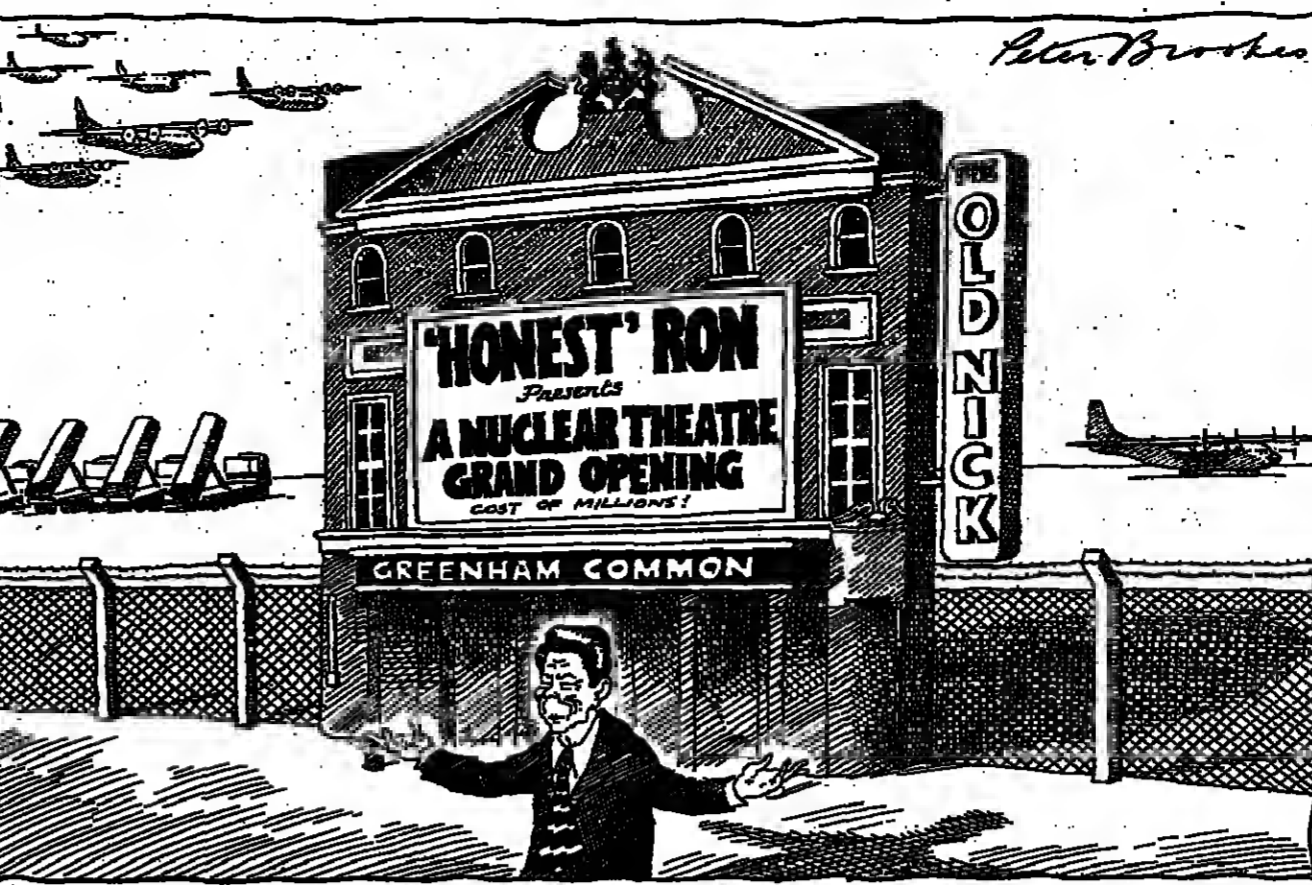
It is also scathing about the achievements of the various marketing boards and suggests they should be reformed as voluntary co-operatives.

The Agricultural Mortgage Corporation makes little sense since it duplicates the functions of the finance industry.

Much research by the Government's Agricultural Development and Advisory Service appears to be duplicated and should be abandoned. The work of the Agricultural Research Council itself should be gradually privatized.

Mr David Steel, the Liberal leader, said that the absence of a dual key was one reason for not accepting the government proposal to deploy. He could not accept that the original agreement about joint decision, reached between Mr Clement Attlee and President Truman about aircraft, could be applied automatically to missiles.

Mr Heseltine repeated the recently repeated words of Mr Margaret Thatcher that "no nuclear weapon could be fired or launched from British territory without the agreement of the British Prime Minister."



"You can trust ME, folks!"

## Shake-up urged in farming

By John Young, Agriculture Correspondent

Abolition of almost the whole farm support structure is called for in a report published today. The EEC common agricultural policy, the marketing boards, the Agricultural Mortgage Corporation, the Forestry Commission and government-financed research services would all go under proposals from the Adam Smith Institute.

Even the Ministry of Agriculture would be merged with the Department of Trade and Industry.

The report is a straightforward application of the free market economy approach to what the institute regards as an indefensibly subsidized and cosseted industry. The end result, it implies, would be cheaper food and a saving to the taxpayer of hundreds of millions of pounds.

Yesterday Mr Denis Healey, newly reappointed as Labour's shadow foreign secretary, said that after Greenham Britain could no longer be satisfied with present arrangements, and that there was an unanswerable case for giving Britain a physical veto over firing.

Last week, he said, the United States brushed Britain aside when the threat was vague and distant. Did the Prime Minister really believe the American Administration under President Reagan would take any notice when the threat was to thousands of American soldiers in Europe?

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## Cruise will arrive in three weeks

Continued from page 1

last week with the United States defence Secretary Mr Caspar Weinberger. Mr Heseltine is understood to have explained and complained of these increased difficulties.

Police guarded all gates and patrolled along the inside of the nine-mile fence, while army detachments erected additional barriers of barbed wire. A police helicopter flew around the base all day.

A total of 187 women, many of them carrying wire cutters, were arrested on Saturday night and 16 women were arrested on Sunday night when they again breached the fence.

On that occasion a group entered the base and daubed the main runway with paint. Eleven were charged and released on bail by Newbury magistrates yesterday.

Miss Martha Street, said yesterday that they had thought a United States Air Force plane carrying the first cruise missiles would arrive on Sunday night. They had painted the runway in the hope of preventing its landing.

In the event the missiles did not arrive, and they are unlikely to do so in the immediate future judging by the Commons statement yesterday by Michael Heseltine, Secretary of State for

## Greenham security is stepped up

From Alan Hamilton, Greenham Common

Greatly increased security surrounded Greenham Common air base in Berkshire yesterday after a weekend in which the perimeter fence was breached and torn down in several places by peace campaigners.

Police guarded all gates and patrolled along the inside of the nine-mile fence, while army detachments erected additional barriers of barbed wire. A police helicopter flew around the base all day.

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What are they? The cruise missile is an unmanned vehicle for carrying an explosive warhead. Throughout its flight it is under continuous power from its jet engine, which has to take in oxygen to function. This means that it must remain in the atmosphere, and in fact is designed to fly at very low levels.

The Pershing 2 is a ballistic missile which is powered only during the first few minutes of its flight as it goes out into space, before its trajectory brings it back into the Earth's atmosphere and on to its target.

Where are they to be deployed? The plan is to deploy 464 ground-launched cruise missiles and 108 Pershing 2 missiles in Europe. Ultimately 160 cruise are planned for Britain, 96 of them at Greenham Common, where the first 16 are scheduled to be operational by the end of this year, and 64 at Molesworth near Huntingdon from about 1987.

When was the decision taken? The plan was laid at a meeting of foreign and defence ministers of Nato countries held on December 12, 1979.

The plan to deploy cruise and Pershing 2 was one half of the so-called twin tracks which also called for negotiations between the United States and the Soviet Union to agree to limits on the number of long-range theatre nuclear weapons.

Those negotiations are still in progress in Geneva, but show little likelihood of producing an agreement.

## Biffen reply over Times bid

By Anthony Bevins, Political Correspondent

Mr John Biffen, Leader of the Commons and a former Secretary of State for Trade, last night rebutted the charge that he had misled the Commons over the profitability of *The Sunday Times* in January 1981, the time of the bid made by Mr Rupert Murdoch for Times Newspapers.

Mr Harold Evans, former editor of *The Times*, says in his book, *Good Times, Bad Times*, that when Mr Biffen took his decision not to refer the bid to the Monopolies and Mergers Commission, the minister failed to record £4.6m of *Sunday Times* revenue and a £700,000 profit.

In a written Commons reply last night, Mr Biffen refused to set up a parliamentary Select Committee to investigate the matter, saying that the profit and loss figures on which he had based his decision had been supplied by the Department of Trade's professional accountants.

They had been fully aware of the £4.6m revenue figures, but because they were not related to *The Sunday Times*' newspaper activities they had not been relevant to the statutory test under which he had to judge whether the paper was economic "as a going concern and as a separate newspaper".

Mr Biffen said in his reply to Mr Alfred Morris, Labour MP for Manchester, Wythenshawe: "I was satisfied (as I was required to be by the Fair Trading Act) that *The Sunday Times* was not economic as a going concern and as a separate newspaper."

"Having further satisfied myself that the case was one of urgency, I concluded that I had discretion to grant consent for the transfer of the newspaper without a reference to the commission."

## 'Grants not being made up'

By Lucy Hodges

Almost half of all students who should be having their maintenance grants made up by their parents are not being given this money and are worse off than young people on the Youth Training Scheme, the National Union of Students said yesterday.

A £50,000 survey commissioned by the union, which submitted a claim for a £5 a week increase in grants, for next year, shows that students are feeling the pinch.

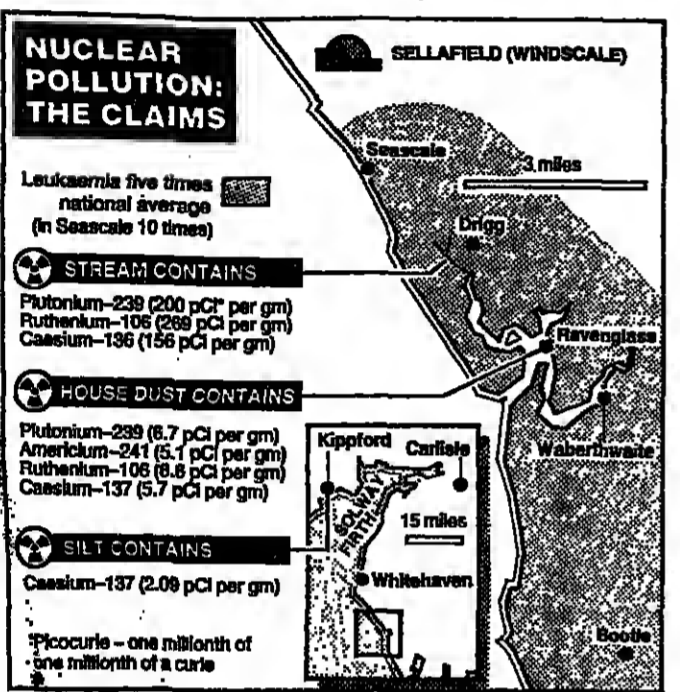
They are having to pay a lot more for essentials than in 1974-75, when the last survey was made. The cost of board and lodging and books has soared.

As a result students are spending 25 per cent less on alcohol, tobacco and entertainment (£190 in 1982-83 compared with £260 in 1974-75). They are having to spend 59.2 per cent more on board and lodging compared with eight years ago. A student's disposable income has declined by £264 in that period, from £958 to £694.

The union made the point yesterday that it was not arguing that the real value of the grant had declined, because at £1,660 outside London and £1,975 in London it has roughly kept its value. It directed its attack at the parental contribution system and at the lack of an absolute minimum grant.

Mr Neil Stewart, the union president, said that as well as seeking a £5 a week increase in grants it was asking for the income threshold at which parents have to pay contributions to be raised to £9,600. It wanted all students in further education, particularly those who received no award, to get a minimum grant of £20 a week.

He called for the age at which students are considered to be independent of their parents to be lowered. It is 25 at present. The cost of all the demands would put an extra £700m on the present £500m grants bill.



## Six miners rescued after three-hour ordeal

By Paul Routledge, Labour Editor

Six miners were rescued yesterday after a roof fall trapped them 300ft underground for more than three hours.

The alarm was raised at 2.30pm when a 15ft section of roof collapsed, blocking the underground roadway to the coalface with tons of rock. Two colleagues heard the trapped men's cries for help.

National Union of Mineworkers officials immediately lifted their national overtime ban to help in the rescue operation at Ledston Lick colliery near Castleford, West Yorkshire.

Specialist rescue teams from Wakefield and Doncaster pumped oxygen through ventilation shafts into the 72-year-old pit, which is due to close in 1985.

The trapped men were eventually released unhurt at 5.50pm by workmates who dug through the rubble with picks and shovels. The first person to reach them was the colliery manager, Mr Don Jagger, aged 58.

The miners' union began its national overtime ban yesterday morning. The full effect will not be felt until after the weekend, when vital maintenance work will not be carried out.

The NUM president, Mr Arthur Scargill, said yesterday that the National Board's decision last week to break off talks with the union was "one more factor in an overall attack on the mining industry".

He said: "Contrary to NCB chairman Ian MacGregor's disclaimers, this ban will most definitely affect our industry. If it were to extend over a 12-month period, the ban would cut coal output by 18 million tonnes.

## 'Failure to disclose job pact'

The Post Office Engineering Union was criticized in the Court of Appeal yesterday for not disclosing a job security agreement it has with British Telecom.

The union is backing links between the BT network and Mercury Communications, the private telephone company, because, it says, it fears job losses.

But Mr Robert Alexander QC, for Mercury, told the court that it had come to light only last week that the union had a job security agreement with BT.

Mr Alexander said the union had "objected to the granting of a licence to Mercury and since then has consistently indicated its intention to destroy Mercury".

He told Sir John Donaldson, Master of the Rolls, sitting with Lord Justice Dillon and Lord Justice May, that the judge at the earlier hearing had misunderstood the evidence and misinterpreted the law.

## The Shadow Cabinet

Labour's front bench appointments are: (Asterisk indicates member of parliamentary committee):

- Deputy Leader and Treasury and Economic Affairs: \*Mr Roy Hattersley
- Foreign and Commonwealth Affairs: \*Mr Denis Healey
- Home Affairs: \*Mr Michael Foot
- Minister of the House and Trade and Industry: \*Mr Peter Shore
- Employment: \*Mr John Smith
- Environment: \*Mr John Gummer
- Transport: \*Mr John Gummer
- Defence and Disarmament: \*Mr John Silkin
- Northern Ireland: \*Mr Peter Archer
- Wales: \*Mr Terry Lewis
- Energy and Community Affairs: \*Mr Robert Cook
- Housing and Construction: \*Mr Eric Heffer
- Health and Social Security: \*Mr Michael Heseltine
- Science: \*Mr John Gummer
- Energy: \*Mr Stan Cross
- Defence and Disarmament: \*Mr Norman Sturgeon
- Legal Affairs: \*Mr Donald Dewar
- Women's Rights: \*Mr John Morris
- \*Ms Jo Richardson

## Police hunting Sheffield killer study phone tape

By Ronald Faux

Police hunting the killer of three members of a Sheffield family were studying yesterday a recording of a telephone call made to a newspaper by a man claiming to be Arthur Hutchinson, whom the police want to question in connection with the murders.

The caller gave details likely to be known only to Mr Hutchinson, aged 42, who escaped a month ago from custody at Selby police station in North Yorkshire.

In his two-and-a-half minute call to the *Yorkshire Post* in Leeds the man said that he had not been to Sheffield, where Mr Basil Laitner, his wife Avril and son Richard were stabbed to death by an intruder eight days ago.

The caller, who had a strong north-eastern accent, said that since his escape he had survived by stealing vegetables from gardens.

He named a woman he said he was "out to get" and who is now being protected by the North Yorkshire police. He also denied having been in Workop, Nottinghamshire, where the police are said to have had positive sightings of Mr Hutchinson the day after the killings.

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# When his sang froid proves too cool

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Too good to keep to yourself

# Crown to appeal against ruling that parents cannot kidnap children

By David Hewson

The Crown is to seek leave to appeal against a ruling yesterday that parents cannot, in law, kidnap their own children.

The Court of Appeal yesterday quashed the convictions for kidnapping and contempt of court of a New Zealand man who twice snatched his daughter from his former wife.

A senior appeal judge, Lord Justice Watkins, said that Mr Daily's case was a serious example of the deliberate flouting of High Court orders by a father, but he should never have been convicted of the criminal offence of kidnapping.

The decision was criticized by the Children's Legal Centre, which was set up in 1979, The Year of the Child, to deal with matters of law relating to young people. Miss Rachel Hodgkin, an officer of the centre, said it meant that the law saw children as being the property of their parents.

A private member's Bill due for its second reading on December 16 would, however, make child abduction a criminal offence if it became law, she said.

The Court of Appeal ruled that Mr Daily should not have been tried at the Central



Lord Justice Watkins: 'Father should not have been convicted.'

Criminal Court for contempt and taking his daughter away from her mother, in what is thought to have been the only case of a parent being charged with kidnapping his child.

The correct course which should have been pursued was for Mr Daily to be brought before a High Court Family Division judge, the court said.

It set aside a two-year suspended jail sentence which was passed on May 18 last year. The Crown is to seek leave to

appeal to the House of Lords against that ruling.

Mr Daily did not challenge a further conviction of falsely imprisoning his former wife at an address in Harold Hill, Essex, before taking their daughter Emma to New Zealand in 1978. He was given a two-year suspended sentence on the false imprisonment charge.

The appeal judges ruled that, as a general conclusion, there was no such offence as the kidnapping of a child under 14, even by someone who was not the child's parents. The act would be covered by the charge of child stealing.

They also ruled that the offence of kidnapping could not be committed by a parent who took a child under the age of majority, unless the child had lawfully married and passed out of the responsibility of the parents.

Lord Justice Watkins said that the jurisdiction of judges to punish for disobedience of court orders on children, regardless of whether they were wards of court, was extensive and powerful. Parliament had never intended that a mother or father should be prosecuted for child stealing.

Law Report, page 28



In accord: Nine brass players from Bordeaux are combining with six British players to give their first concert in Britain tonight at St John's, Smith Square, central London. The Brass of Aquitaine and London, formed by its conductor, Richard Harvey, when he was teaching at Bordeaux University, includes nine lecturers in music. Mr Harvey has written some of the music for tonight, which will also include works by Monteverdi, Purcell and Copland. (Photograph: Orde Eliason)

# Pacemaker surgeon says patients may die due to NHS cuts

By Thomson Prentice, Medical Reporter

Some patients requiring heart pacemakers may die as a result of the "domino effect" of National Health Service cuts, a leading surgeon said yesterday.

Dr Richard Sutton, consultant cardiologist at the Westminster Hospital, is a recognized expert in heart pacemaker implantation, who performs an average of four such operations a week.

However, because of budgetary restrictions he has only 40 pacemakers left until next March. He added: "I anticipate I will need another 50, which represents a cost of £100,000, by January."

"The situation is approaching where some patients will require pacemakers and will not be able to get them, and some of them will die."

Dr Sutton said that the pacemaker unit at the Westminster Hospital was under increasing pressure because hospitals in other areas were referring more patients to him.

"The DHSS is forcing cuts and closures affecting pacemaker operations elsewhere. Those patients have to be sent somewhere, and they are coming to us. The cuts have a domino effect," he said.

The Westminster Hospital is considered to be one of the leading pacemaker units, it has contributed to the research and development of the most advanced versions of the equipment. However, as a result of that work the cost of a pacemaker has increased to about £2,000.

The pacemaker budget allocated to the Westminster for the financial year that began in April was £230,000. Dr Sutton said he needed another £100,000 before the end of next March, and would then be seeking £350,000 as the allocation for the next year.

Mr Trevor Patchett, the deputy district administrator of the Victoria Health Authority, which includes the Westmin-

ster, said: "This authority is being asked to save £2.65m next year, at a time when demands for its services are growing."

He is quite right about the domino effect. We are getting more and more referrals if patients because of cuts elsewhere, and are trying to cope with them while facing cuts of our own."

Lack of NHS funds led to the death of six year old girl it was learnt yesterday. The girl, named Anne Marie, was denied a bone-marrow transfusion at the Westminster Children's Hospital because the cost of the operation was £7,000 and funds were short. It was decided that other patients stood better chance of success.

That decision was disclosed last week when Princess Anne launched a special appeal to raise money for a new 10 bed bone marrow unit at the hospital.

In another aspect of health a service cuts, a group of general practitioners were granted a temporary injunction in the High Court yesterday to prevent the closure of the cottage hospital, the Northwood and Pinner.

The hospital was due to close yesterday but it has been occupied by staff since last week. About 20 patients are still receiving treatment there. At the Hayes cottage hospital near by a similar occupation is continuing.

The injunction means the closure of the Northwood and Pinner hospital will be postponed at least until Friday when the case returns to court.

Trade unions in the NHS have told the Government that the country faces the "inescapable burden" of growing expenditure on health care with more not less staff needed to meet the growing demands placed on the service (Our Labour Correspondent writes).

# Two million letters arrive late

By David Cross

More than two million letters arrive late on any given day, according to the Post Office Users' National Council in a report published yesterday.

Only 85.8 per cent of first-class letters and 92.3 per cent of second-class letters arrived on time, the council said in its annual report of the Post Office's activities in the 1982/83 financial year. The Post Office's own targets are 90 and 96 per cent respectively.

This level of lateness is unacceptable, the council, the official watchdog of the Post Office's services, said.

The council said that it conducted test surveys that

highlighted problems on specific routes and in particular sorting areas. The results showed that mail posted at the same time could receive different time stamps and in one instance some first-class items were not date-stamped until the next day.

The council called on the Post Office to further investigate problems affecting the quality of service and in particular to identify the black spots in the system.

Responding to the council's criticisms, a Post Office spokesman said yesterday that improvements have been made in its mail delivery. The latest

figures covering the period between July and September of this year, showed that 88.7 per cent of first-class mail and 93.8 per cent of second-class mail was reaching its destination on time.

The Post Office was also urged to speed up the introduction of oew counter technology, particularly the installation of computer terminals.

The council conceded that the complexity of introducing a comprehensive computer system to handle the full range of counter services given that there are at present about 150 different types of transaction. The cost would be huge since the Post Office has indicated that it would probably need 50,000 terminals positioned at between 15,000 and 20,000 different locations.

Finally, the council expresses its concern at the fall in the number of Crown and sub-post offices during the past 10 years. During the last financial year, for example, 121 sub-postoffices had opened, compared with 216 that closed.

A sizable proportion of sub-postoffices that closed had not been replaced because of the difficulty of finding suitable applicants with suitable premises.

DELIVERY TARGETS: How the Post Office is doing		
Target	1980-83	1982/83
90% of first class by next working day	85.8%	85.8%
96% of second class within 3 working days	92.3%	92.3%
	1980/1	1981/2
1st class	86.4%	84.3%
2nd class	92.5%	91.7%
1982/3	85.8%	92.3%
Quarterly (82-83)		
Apr to Jun	85.0%	91.5%
Jul to Sept	82.7%	91.0%
Oct to Dec	87.4%	94.1%
Jan to Mar	87.9%	93.2%

# Nilsen showed desire to kill, psychiatrist says

Dennis Nilsen had an "overwhelming desire to kill" and planned the deaths of his victims purposefully and without anxiety, a jury at the Central Criminal Court was told yesterday.

Dr Paul Bowden, a psychiatrist called by the prosecution, described Mr Nilsen's behaviour as extremely abnormal. "Statistically someone who kills 15 or 16 men is a very rare animal," he said. But he disagreed with the defence evidence that it showed a severe personality disorder.

Mr Nilsen, aged 37, of Cranley Gardens, Muswell Hill, denies six charges of murder and two of attempted murder. He has admitted to the police dismembering, boiling and burning the bodies of his young victims and the defence is seeking a verdict of manslaughter on the ground of diminished responsibility.

Dr Bowden, consultant forensic psychiatrist at the Bethlem Royal and Maudsley Hospital and visiting psychiatrist at Brixton prison, disputed defence suggestions that Mr

Nilsen had treated his victims as objects and lacked remorse.

He said Mr Nilsen tried to hide his feelings despite confusion and sadness at what he had done. During one interview at Brixton tears had filled his eyes as he was questioned about the "quite frightful" strangling and drowning of John Howitt in December 1981.

"He was about to start crying," Dr Bowden said. "He spoke to me about him never being able to show his feelings to anyone. Then he walked out of the room."

He told the court that he accepted Mr Nilsen's own version of his motives: an overwhelming desire to kill, the sense of power killing gave him, and the wish to transfer the feelings of criminality he had about his homosexuality to the killing.

He said he could find no support for defence evidence of abnormal sexual behaviour with the bodies of his victims, isolation, alcohol abuse, identity of relationship problems.

The hearing continues today.

# Cigarette 'glamour' attacked

By Our Medical Reporter

The British Medical Association wants stricter controls on the "insidious approach" of some cigarette promotions. It claims that they exploit a loophole in the advertising code of conduct.

The association accuses manufacturers of flouting the spirit of the Advertising Standards Authority's ethical code by linking cigarette brands with sporting events and leisure activities which by implication "depict smoking in a glamorous light".

In the News Review, a newspaper sent to doctors, the association says that the advertising authority's cigarette code bans advertisements which glamorize smokers, but allows cigarette names to be used to promote non-tobacco products and activities.

It cites the John Player Special brand, which has its own racing car and markets sportswear. It also names the Kim brand. "The brand's colours, of browns pinks and yellows on a white background, depict a healthy, sporty, clean-cut image for the independent woman", the association says, adding that the brand is linked with promoting umbrellas and bags in the same colours.

The association says young adults are the main targets of cigarette companies. "If they adopt the smoking habit early, they could remain life-long consumers. It is this age group which most readily responds to the glamour images."

The BMA's latest call comes after publication of a survey by the Office of Population Censuses and Surveys which indicated that more than a quarter of children are smoking by the time they reach their fifth year in secondary school.

In a separate initiative, a senior lecturer in health education has written an open letter to Mr John Patten, Under Secretary of State at the Department of Health and Social Security, urging his to take tough anti-smoking measures.

In his letter, published in the British Medical Journal, Mr Mike Daube, of the department of community medicine at Edinburgh University, says that cigarette smoking kills more than 90,000 people in Britain

# Battered wife who killed her husband is freed

A battered wife who shot dead her violent husband was freed yesterday by a judge at the Central Criminal Court, after spending six months in jail on remand.

The decision by the Common Serjeant, Judge Tudor Price, was greeted with cheers and applause from relatives of Mrs Celia Ripley in the packed public gallery.

The court was told that Mrs Ripley, aged 34, killed her husband with a shotgun blast as he stood drinking in the Derby Arms public house in Croydon, on April 26.

She had told the warden of the battered wives' hostel where she was living that she intended to shoot her husband, but her "cry for help" was ignored.

The judge gave Mrs Ripley an 18-month suspended sentence and ordered her to be supervised by a probation officer. "The public interest does not require you to be imprisoned further," he said.

Mrs Ripley wept as she was released with her sons, Mark and Henry, outside the court and said: "Today and the day I killed my husband will be on my mind for the rest of my life."

How I pray to God that someone had taken me seriously and stopped me."

The court was told that her husband, Mr Mark Ripley, aged 38, was a gypsy scrap dealer and a feared bare-knuckle fighter.

Mr Michael Coombe, for the prosecution, said Mrs Ripley suffered violence from him over many years. He broke her nose and ribs, threatened to shoot her and forced her to take part in distressing sexual practices.

After going to live in a battered wives' hostel in Penge, south-east London, she showed the warden her husband's shotgun and said she planned to shoot him.

The warden was sufficiently alarmed to tell social workers, but nothing was done. The warden was baby-sitting for Mrs Ripley when she drove to the public house to carry out her threat.

Mr Neville Sarony, for the defence, said Mrs Ripley had asked for attention but no one had taken her seriously. Mrs Ripley pleaded guilty to manslaughter. Her denial of murder was accepted on the ground of provocation and diminished responsibility.

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# Afrikanerdom riven by bitter disputes on eve of referendum

From Michael Hornsby Johannesburg

Afrikanerdom's deep divisions have been further exposed in the final hours of the emotional political campaign leading to tomorrow's white-only referendum on the proposed new South African constitution, already adopted by the white Parliament.

The prospect of a total split in the Broederbond, the semi-secret society of the Afrikaner elite, has emerged with the resignation from the organization of professor Carel Boshoff, its former chairman. An arch-conservative, he was forced out of the chairmanship last July but had remained on the executive council.

His resignation was provoked by the leaking of confidential Broederbond documents detailing the bitter disputes within the organization over the constitution, which would give limited political rights to the 850,000 Indians and 2.7 million mixed-blood Coloureds, while still leaving the country's 21 million black out in the cold.

The documents also expose the cynical Realpolitik behind the new constitution, which the majority of Broederbond members were persuaded to accept in return for assurances that white supremacy would remain unaffected and that Indians and Coloureds were only being offered a powerless

## Black churchman held in Ciskei

Police in the tribal "homeland" of Ciskei have detained the Rev Smaungisa Mkhathshwa, Secretary-General of the Southern African Catholic Bishops Conference. He was arrested after a prayer service at Fort Hare University in Alice on Sunday (AP reports). He is an honorary member of the United Democratic Front, a coalition of anti-apartheid organizations formed in August.

Reformists seem to have struck a blow at the foundations of another citadel of Afrikaner conservatism with the decision last week by the Western Cape Synod of the all-white branch of the Dutch Reformed Church that apartheid was sinful when it took the form of racial discrimination.

Admittedly, this appeared to imply that it was not always, or necessarily, based on racism, but the synod said that the ban on marriage and sex between black and white was in conflict with scriptural, Christian ethics and church membership and services should be open to all.

The synod is the first authoritative body of the white Dutch Reformed Church to take this line, just as it was the first 47 years ago to urge the then government to ban mixed marriage and introduce apartheid.

Meanwhile, at weekend rallies across the country, the multiracial United Democratic Front (UDF), which was launched two and a half months ago, called on liberal whites to vote "No" in the referendum.

Speakers said the constitution would perpetuate apartheid and cause hatred between blacks on the one hand and Coloureds and Indians on the other. "No amount of plastic surgery can turn this Frankenstein's monster into a beauty queen", one said. Police arrested 40 UDF supporters in Cape Town.

In a statement from Pretoria, Mr Louis le Grange, the Minister of Law and Order, said he had reliable information that the banned African National Congress intended to disrupt the last few days of the campaign by violent means. He said the police would be well-prepared.



Combat casualty: A wounded Salvadorean soldier fleeing from an action in which left-wing guerrillas occupied the outskirts of Ilobasco, 36 miles from San Salvador.

# World pledges aid to victims Survivors describe earthquake horror

From Rasit Gurdlek, Ankara

The death toll in Sunday's earthquake, which hit Turkey's two eastern provinces, kept mounting yesterday. The official figure of 980 dead is expected to go well over 1,000 as the military and civilian rescue teams work round the clock lifting the debris.

Hundreds of injured were under treatment at various local hospitals or were attended by the army doctors in the villages.

President Kenan Evren, accompanied by Mr Bulend Ulusu, the Prime Minister, and several ministers, toured the stricken towns and villages yesterday, talking to the survivors and promising that all means available would be put at their disposal.

The Turkish Red Crescent and the Turkish Air Force continued to airlift tents, blankets, warm clothing and blood plasma, but delivery seemed to be hampered by landslides still blocking several roads, and showers and sleet which add to the misery of thousands of homeless families.

Help also came from abroad. An aircraft sent by the International Red Cross from Switzerland with a six-man rescue team and supplies, was followed by another Swiss plane carrying a 45-man team, 15 dogs trained to sniff out survivors under the rubble, and five tons of tents, blankets and equipment.

King Fahd of Saudi Arabia made a cash grant of \$10m (£6.5m), and governments and

charity institutions in West Germany, the United States, Japan, Kuwait and Pakistan were reported to have pledged aid.

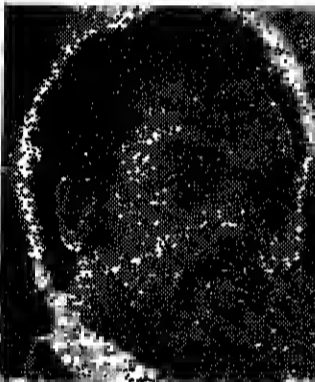
Reports from the disaster area yesterday and scenes shown on television the night before with a persistent background of weeping, told stories of desperation, human suffering and miraculous survival.

In the village of Koyunoren, near the town of Narman in Erzurum province, where 125 people, most of them children, had died, Mr Demir Yildirim told reporters how the roof fell on the sleeping family and he survived while his wife, mother-in-law and seven children were buried alive.

Mr Levent Akin, the village teacher, was still searching for the missing 30 of his 92 pupils. Mr Abdullah Akbulut, who was pulled to safety after spending three hours buried under the wreckage of his home, had little reason to rejoice when he learnt that five of his nine children, aged from one to 15 years, had died.

Mr Abdullah Akbulut, the village headman of Koyunoren, pointed an accusing finger at the authorities. He recalled that his request that the village be moved elsewhere after a landslide in 1969 was refused because the ground was said to be firm. "There you see the firm ground," he said acridly, gesturing at the levelled village.

## Jackson to join White House race



After months of speculation, the Rev Jesse Jackson, (above) the outspoken and controversial black civil rights leader, has finally announced that he is to seek the Democratic Party's nomination for the Presidency next year on a "rainbow coalition" of blacks, Hispanics, women and other minorities (Our Washington Correspondent writes).

His entry into the race brings to eight the number of major announced candidates for the Democratic nomination. His decision to run is a blow to Mr Walter Mondale, currently the front-runner, who had hoped to capture the support of black voters, an overwhelming majority of whom are Democrats.

Mr Jackson is formally to announce his decision in Washington on Thursday. However, he finally revealed that he had made up his mind to run on Sunday, first during a television interview and later after he had delivered a sermon in Atlanta. "Yes, I am going to be running," he told a group of black ministers.

## Lagos stops politicians' London trip

Lagos (Reuters) - Nigerian security police seized the passports of two officials at the opposition Unity Party of Nigeria (UPN), who were about to travel to London at the weekend, and prevented them from leaving the country, a party spokesman said yesterday.

Party sources said the seizure probably followed a statement by a UPN official that the party intended to discuss with the London-based human rights organization, Amnesty International, the cases of more than 100 UPN members being held in Oyo state after violence there during elections in August.

The sources said the two men, Mr Ayo Opatokun and Mr Yemi Oluwaye, had intended to see Amnesty officials in London to raise the subject. Police in Ibadan, Oyo state capital, have said they are holding 110 people in connection with 55 deaths during election violence in the state.

The Oyo police said their investigations into the deaths were complete and they were only waiting for the go-ahead from the state Director of Public Prosecutions to start court actions.

Oyo, and the neighbouring Ondo state, saw the worst violence in presidential, national and state elections in August and September, which the UPN and other opposition parties alleged were rigged by the ruling National Party of Nigeria.

London: An Amnesty International spokesman said yesterday that the organization had written to the UPN in Nigeria, asking if it was true that party members had been detained and seeking more information.

## Amnesty ends in confusion

# Solidarity unsure of the quality of mercy

From Roger Boyes, Warsaw

Confused by a welter of camouflaged hints of freedom and emigration, several dozen underground Solidarity opponents of General Jaruzelski yesterday surrendered themselves at militia stations throughout Poland, benefiting from the last hours of a political amnesty.

According to a law passed by the Polish parliament (the Sejm) in July, underground Solidarity activists are to be exempt from punishment if they give themselves up to the authorities by midnight on October 31. But there have been strong indications that the amnesty would be extended beyond midnight in a further bid to disentangle the centres of underground opposition, to put off the moment when the police have to act against hardcore underground organizers, and to try to avoid the political embarrassment of show trials.

"We are completely bewildered," one activist said at the weekend. "Is the Government going to act tough against the underground leadership, or is it trying to kill Solidarity with kindness?"

The first sign that the amnesty might be extended came with an appeal by the Communist Front for National Redirth (Pron), a loose grouping of Communist Party representatives and pro-government lay Catholics. Pron said an extension would "create chances for those who have not yet taken advantage of the amnesty" and that true patriots should abandon the underground.

This declaration was addressed to the Speaker of Parliament, who has directed it to the appropriate parliamentary committees. But the Sejm showed no sign of meeting yesterday, and informed sources said it would meet at the earliest towards the end of the week. That means it is legally impossible to extend the amnesty.

The Government is thus in the paradoxical position of encouraging the idea of another conciliatory gesture towards the underground but at the same time not being legislatively prepared to do so. Most sources thought that the amnesty would be extended de facto but not de jure until the Sejm convenes and the Parliament would then make the extension legal retroactively from this morning.

Little wonder that the underground, or indeed the nation, is confused. Similar bemusement has been caused by the new offer to allow leading political dissidents currently awaiting trial - even those charged with trying to overthrow the state - to leave trying to kill Solidarity with kindness?

The idea is presumably to disarm Western criticism about political prisoners - the freedom of the prisoners is one of the main Western demands as a condition for ending its sanctions against Warsaw. But the main source of public discontent with the Government yesterday was from shoppers, who had been told without warning or consultation that butter rationing had been reimposed.



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tive 8% a year, the Multiple Growth Fund has actually done much better than that - more than 58% better!

Even if the Multiple Growth Fund were only to achieve a 6% growth rate, the 29 year old man described in the headlines above could expect to receive £36,641 at the maturity of his plan. However, since July 74 the fund has averaged more than twice this rate of growth.

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20	34179	3633	118987
21	32718	3648	110074
22	31424	3715	102459
23	30164	3782	95314
24	28941	3848	88617
25	27721	3913	82359
26	26514	3976	76441
27	25314	4037	70907
28	24522	4102	65765
29	23577	4165	60961
30	22579	4226	56483
31	21617	4284	52259
32	20672	4340	48299
33	19742	4383	44658
34	18740	4386	40938
35	17858	4433	37763
36	16993	4477	34807
37	16066	4461	31614
38	15251	4500	29267
39	14387	4480	26690
40	13610	4516	24503
41	12901	4489	22258
42	12195	4462	20195
43	11559	4492	18443
44	10832	4524	16819
45	10248	4503	15205
46	9638	4548	13834
47	8975	4533	12480
48	8387	4586	11302
49	7751	4587	10131
50	7186	4655	9145
51	6580	4673	8150
52	6041	4761	7305
53	5464	4803	6450
54	4951	4820	5724
55	4406	4988	4988

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# Syria insists on Lebanon ditching its peace treaty with Israelis

From Robert Flak, Beirut

As leaders of Lebanon's principal militias and political parties gathered in Geneva last night for their first meeting in more than eight years of mutual and savage hostility, Syria was insisting that the Lebanese President and the other delegates to the National Reconciliation Conference here should start their talks by discussing the destruction of the unofficial peace treaty between Lebanon and Israel.

President Amin Gemayel had been hoping to postpone the topic until the end of the conference, but Mr Abdul Hafid Khaddam, the Syrian Foreign Minister, emphasized at a private meeting with the pro-Syrian Lebanese National Salvation Front yesterday morning that the abrogation of Lebanon's treaty with Israel was a prerequisite for the success of the conference.

Mr Gemayel was under no illusion last night that Syria represents both the immovable object and the irresistible force behind the conference: with three Lebanese leaders - Walid Jumblatt, Suleiman Franjeh and Rashid Karami - on his side, Mr Khaddam can virtually dictate the agenda.

This appears to be exactly what he did when he gave lunch to the Lebanese opposition triumvirate at the home of Mr Issam Farris, a wealthy Lebanese businessman, in Geneva shortly before the conference began.

In his opening address last night, President Gemayel thanked repeatedly of what he called "the conspiracy" against Lebanon, and emphasized the importance of the 1943 agreement that gave Lebanon its Christian Mafanite presidency and power-sharing Government. But he implicitly acknowledged the security interests of Lebanon's neighbours, and in an apparent reference to Syria, added that Lebanon could not "act independently of its environment and brethren when the issues of war and peace in the region are at stake."

Mr Gemayel, who significantly thanked the Saudis far more fulsomely than the Syrians in his speech, told his political allies and rivals: "Our country is dying... destruction affected us equally. It took our property and our belongings... and from each of us it snatched a brother, a son, a companion, a friend, a loved one". Mr Gemayel did not say that this was Lebanon's last chance, but he probably meant it.

The men who have alternatively made and broken Lebanon over the past eight years arrived at the Intercontinental Hotel here in a style that quite belied their ruthless militia origins, for the most part a series of waistcoated, dark-suited men with grey hair who might have been mistaken for genial elder statesmen.

By five o'clock the nine principle delegates had decided to sit at a rectangular table layout. All apparently decided that they would not shake hands before sitting down, an agreement that did not take long to reach. None was reported to have noticed the name of the conference suite in which they gathered: *La Salle de Carnival*.

A group of Druze and Phalangist officials - bloody adversaries in their own country - met by chance in the hotel lift during the morning and spent several seconds staring at each other with palpable suspicion until one of the Phalangists held out his hand with the words: "Hello, pal, how are you?"

The Druze had spent much of the morning complaining about the Swiss security arrangements for Mr Jumblatt, although the Druze leader - who had last been seen climbing into a golden Mercedes at Montreux with two extremely attractive blondes - did not at first appear to share this concern.

Nor did Mr Nabih Berr, the Shia Muslim "Amal" militia leader, who took his bodyguards onto a boat on Lake Geneva. But when Mr Jumblatt arrived in the foyer of the conference hotel last night he argued with Swiss security police, pointedly refusing to walk through a metal detector.

The decisions reached at a Cabinet meeting in Canberra yesterday are a significant hardening of Australia's attitude to the situation in Grenada.

Initially Australia took an equivocal position with Mr Bill Hayden, the Foreign Minister, simply saying that Australia would be "uneasy and discomforted" if the intervention proved to be an external solution to an internal problem.

# Grenada: Invasion island still centre of dispute



Shells away: Field guns of the American 82nd Airborne open fire during an operation in Grenada.

# Hawke refuses to send troops

From Tony Dubodain, Melbourne

The Federal Government has ruled out any participation by Australian forces in a proposed Commonwealth peacekeeping force in Grenada and at the same time has come out against American intervention.

The decisions reached at a Cabinet meeting in Canberra yesterday are a significant hardening of Australia's attitude to the situation in Grenada.

Initially Australia took an equivocal position with Mr Bill Hayden, the Foreign Minister, simply saying that Australia would be "uneasy and discomforted" if the intervention proved to be an external solution to an internal problem.

However, after yesterday's Cabinet meeting, Mr Hayden said that if Australia had been consulted by the United States before it intervened in the Caribbean, it would have argued against it. It is understood Mr Hayden has all along favoured a stronger line against American intervention than Mr Bob Hawke, the Prime Minister.

Yesterday Mr Hayden said that it was "hardly justly the use of force, certainly before all other possible courses of action had been exhausted".

While acknowledging the possible risk to foreign citizens in Grenada, yesterday's Cabinet statement failed to mention many of the other concerns raised by President Reagan.

Australian officials are expressing increasing concern that 3,600 American troops have not yet been able to flush out a few hundred Cubans.

Wellington: The Cabinet yesterday stopped short of formally endorsing the US invasion of Grenada but accepted that Cubans had been constructing a military installation there that could have been destabilizing to the security of the region (W. P. Reeves writes).

Mr Robert Muldoon, the Prime Minister, indicated that New Zealand would be prepared to contribute to a peacekeeping force, if this were requested by the Commonwealth.

# Secret vote led to fall of Bishop

From Mehdi Ali, Washington

A Grenadian Embassy official in Havana has said that the events which led to the death of Mr Maurice Bishop on October 19 began at a secret meeting in Grenada in September.

The Central Committee of the New Jewel Movement, Mr Bishop's party, said he would have to share leadership with Mr Bernard Coard, the Deputy Prime Minister.

The Grenadian official, told *The New York Times* that the committee decided on September 14 to allow Mr Bishop to continue as head of state. But Mr Coard would privately assume control of the economy and party matters.

The official said Mr Bishop then tried to float a rumour on Grenada that Mr Coard and his wife, Phyllis, also a Central Committee member, were trying to kill him.

The party decided to place him under house arrest on the pretext that counter-revolutionaries might try to kill him.

# Trinidad says: 'We were not told'

Trinidad and Tobago complained yesterday that the Organization of Eastern Caribbean States (OECES) had failed to consult it over the American-led intervention in Grenada (AFP reports from Paris). The Education Minister, Mr Overland Padmore, said this was because it had earlier indicated it opposed force. He told the Unesco conference: "It is probably because our position did not conform to that of the OECES that we were not consulted."

HAMBURG: Two West German students just back from Grenada said they saw no evidence that the foreign community felt threatened by the island's military rulers after the shooting of the Prime Minister, Mr Maurice Bishop (Reuters reports). "The foreigners did not feel under threat or

in danger, even during the curfew, until the invasion. LONDON: Mr Ron Brown, Labour MP for Edinburgh, Leith, called on the TUC to back a boycott of the 1984 Olympic Games in Los Angeles in protest against the American invasion of Grenada. He urged the TUC to follow the example of Australia's largest union, the Engineering Workers, which had already suggested a boycott.

# Druze rebels in mountain fight with Army

Beirut (Reuters) - The Lebanese Army clashed with Druze-led insurgents in the mountains east of Beirut yesterday, before the start of reconciliation talks in Geneva, shattering a rare calm on the battlefronts.

Military sources said the fighting, with artillery and machine-guns, started just before noon around Lebanese Army positions in the strategic mountain town of Souk al-Gharb, breaking the ceasefire after a 24-hour lull.

The sources said about 50 shells were fired into the area, at the rate of one shell per minute.

Souk al-Gharb, seven miles east of Beirut, bore the brunt of the fighting between the Army and Syrian-backed anti-government forces in September.

# UN puts pressure on Iran over Hormuz

From Zoriana Pysariwsky, New York

The UN Security Council yesterday affirmed the right of free navigation and commerce in the international waters around the Gulf and called upon Iran and Iraq to end the war which could limit access to sea-lanes.

Twelve members voted for the measure to try to stop Iran carrying out its threat to close the Strait of Hormuz. There were no votes against, but Malta, Pakistan and Nicaragua abstained in what was largely a French-inspired and strongly promoted campaign.

The resolution also condemns implicitly Iraq's military operations against civilian targets in Iran and calls on the two sides to refrain from any action that might endanger peace and

security as well as marine life in the Gulf region.

TEHRAN: Iran sealed off one of three sources of the leak which has been allowing 2,000 gallons of oil a day to flow into the Gulf from the Now Ruz field since March, when it was bombed by Iraq (Asahi News Service reports).

Iran had no help from industrially advanced countries in sealing the leak in an operation which took 40 days.

BAGHDAD: Iraq said its Navy and Air Force had destroyed three Iranian naval vessels near the Iranian port of Bandar Khomeini at the head of the Gulf and two others had been wrecked by Iraqi mines round the port (Reuters reports).



# WINDSCALE

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# Damage to new airport feared

By Rodney Cowton, Defence Correspondent

The new airport at Point Salines in Grenada (right), the military potential of which has been causing the Americans concern, appears to be comparable with the civil airports in neighbouring islands.

The idea of building a new airport to replace the limited facilities at Pearis in the north of the island has been talked of for nearly 20 years, and but for the American invasion it would have opened on March 13 next year.

It is said that before the American action about 85 per cent of the civil engineering and building work, being done largely by Cubans, was complete, while about 60 per cent of the installation of technical equipment by Plessey Airports had been finished.

However, people familiar with the project fear that work will have been greatly set back through premature use of the airport by the Americans.

The airport will have one runway, 9,000ft long, said to be very close to the minimum length from which wide-bodied jets can operate.

It will not have radar, but will have a number of navigational aids, including a non-directional beacon and a VOR,



which is a short-range radio navigation aid.

All these facilities appear to be directly comparable with those at the international airports on Antigua, Barbados, St Lucia and Trinidad, though Barbados has a longer runway of 11,000ft and Trinidad one of 10,500ft. Both Barbados and Trinidad already have instrument landing systems.

A spokesman for Plessey Airports said the terminal facilities had been designed to enable it to cope with one wide-

bodied jet with about 350 passengers at a time.

When the People's Revolutionary Government seized power in March, 1979, it made efforts to raise the necessary funds through the International Monetary Fund and other sources. The Americans refused support for the project, but the British backed the £6.5m contract won by Plessey.

The EEC provided support for a number of projects on the island.

# Lay-down-arms call by Sir Paul

The radio address given by Governor-General Sir Paul Scoon in St George's on October 28 was:

Fellow Grenadians: I speak to you today as your Governor-General and as one who has great faith in the Grenadian people. I am confident that you will find the courage to put those tragic events from the past two weeks behind you and join with me in the task of restoring your country to its normal, peaceful way of life. At this trying period of our country's history we must be guided by thoughts of reconciliation, forgiveness, and reconstruction. Our energies must be devoted to restoring the process of democratic life through freedom and human dignity to all our people.

At the same time, we must insist on high standards of morality in public life. There is no need here for me to enumerate the tragic and un-Grenadian events which led to the death of Prime Minister Maurice Bishop and three of his Cabinet colleagues.

Innocent men, women, and children were also killed or injured. To say the least, I was deeply saddened and I shall like to extend heartfelt sympathy to the bereaved families. The killing of Prime Minister Bishop and the subsequent control of our country by the People's Revolutionary Army so horrified, not only Grenadians but the entire Caribbean, the Commonwealth and beyond, that certain Caribbean states, with the support of the United States of America

decided to come to our aid in the restoration of peace and order.

Of course, intervention by foreign troops is the last thing one would want for one's country. But in our case, it has happened in deteriorating circumstances, repugnant to the vast majority of the people of Grenada, the people who live and work here, and of whom I am well advised have welcomed the presence of these troops as a positive and decisive step forward in the restoration, not only of peace and order, but also of full sovereignty that's enabling our democratic institutions to function according to the expressed wishes of the Grenadian people at the earliest possible time. Sad to say, it is now known that the People's Revolutionary Army, the PRA, had in its possession an incredible amount of foreign sophisticated weapons.

I wish to thank the countries involved for coming to our assistance so readily and I call upon you, the people of Grenada, to give your fullest cooperation to the peace-keeping force in our country. Col. Barnes of Jamaica has been appointed commander of the peace-keeping force. In these difficult times, I would endeavour to do my best, as I have done in other circumstances since my appointment as Governor-General on September 30, 1978.

It is my intention in the next few days to appoint in my own deliberate judgment, a representative body of Grenadians to assist as

an interim measure in administering the affairs of our country. This administration will comprise persons of integrity and ability. Let it be clearly understood that this will not be a bad administration of politicians. This interim administration will provide us with the necessary breathing space to enable arrangements to be made for an early return to full constitutional government by way of general elections.

All government employees must report to work on Monday, October 31, and I hereby ask the business community to reopen their doors to the public as from today. Schools will reopen on Monday morning, October 31. Meanwhile, in order to facilitate the work of the peace-keeping who will be on patrol at night and for your own safety and protection, I urge you to stay indoors from eight o'clock in the evening until five o'clock in the morning until further notice.

In conclusion, I hereby direct the members of the People's Revolutionary Army and the militia, who are still armed, to lay down their arms. You will be told shortly when and where you should hand in those arms prior to the formal disbandment of the army. I wish to assure you that every precaution will be taken for your personal safety, like any other Grenadian citizen.

Ladies and gentlemen, the task ahead is difficult, but I know with your cooperation and God's help, we shall succeed. May God bless you all.

# France frees Libyan

Paris - France has released an alleged Libyan terrorist, Mr Said Rachid, who is wanted by Italy in connection with the murder of five opponents of Colonel Gaddafi's regime (Dina Goddes writes).

Mr Rachid was allowed to fly back to Libya after the Appeal Court in Paris ordered his release from prison, where he had been detained since his arrest on October 7.

The court explained that no extradition request had been received from Italy within the 20 days laid down in the Franco-Italian Treaty of 1870 and that France itself had no case against the Libyan.

# Kuwait buys Hawk jets

British Aerospace has received an order thought to be worth about £70m to supply 12 Hawk military jet aircraft to Kuwait within about two years.

Kuwait is expected to use the Hawk as an advanced trainer, but also operationally in air defence and ground attack roles.

# Still searching

Hongkong (AFP) - Chinese ships have picked up a radio transmitter and four life-vests from the US oil drilling ship *Glomar Java Sea*, missing in the South China Sea for nearly a week. No survivors have yet been found, but the search continues.

# Long way round

Brisbane (Reuters) - The 40-year-old Australian long-distance runner, Ron Grant, a bread salesman, arrived exhausted to a hero's welcome after running 10,364 miles around Australia in 217 days. He wore out 14 pairs of shoes.

# Corn shortage

Harare (AP) - Zimbabwe, one of Africa's few food exporters, has been forced to ration maize and wheat after two years of devastating drought, the Government said yesterday.

# Record crop

Peking (Reuters) - China will harvest a record grain crop this year, beating last year's record of 353.43 million tonnes, according to Mr Tian Jiyun, a Deputy Prime Minister.

# Switch to TV

Sydney (AP) - Mr Geoffrey Whitehead, the British Director-General of Radio New Zealand, has been appointed managing director of Australia's National radio and television network.

# Kohl in Japan

Tokyo (Reuters) - Chancellor Helmut Kohl of West Germany arrived last night on a four-day official visit.

# Shorter week

Budapest (Reuters) - Hungary's Communist Government has ruled that some factories can cut their employees' working week to 40 hours.

# China visit

Peking (AFP) - Mr Gaston Thon, president of the European Commission, is due here today for a five-day visit.

# Superbloom

Tours (Reuters) - An amateur gardener M Francois Santini, says he has beaten his own world record for a chrysanthemum - 688 flowers on a single plant. He owns a fertilizer company.

# Supertree

Peking (AP) - A large evergreen tree, dating back to the age of the dinosaurs 150 million years ago, has been unearthed in Sichuan province. The fossil has a trunk 22ft and up to 32in in diameter.

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# Joint action with US can turn Lebanon into island of tranquillity, says Shamir

From Mohsin Ali, Washington

Mr Yitzhak Shamir, the Israeli Prime Minister, said here yesterday that Syria could and must be persuaded that its designs on Lebanon would not be permitted to take place.

He said in a prepared speech to the National Press Club: "A Syrian takeover of Lebanon will have a devastating impact on the entire region, on the chances of peace, and on Soviet influence throughout the Middle East. Conversely, the achievement of a free and independent Lebanon will be a boost to the peace camp and in the influence of the free world in our part of the world."

President Reagan and Mr Shamir after two days of talks had announced the setting up of a joint United States-Israeli political-military committee for strategic cooperation in such areas as combined planning, joint manoeuvres and the stockpiling of American equipment in Israel.

Mr Shamir, in his prepared text yesterday, said that, in spite of the ravages perpetrated by the terrorists and the Syrians, Lebanon could still be saved

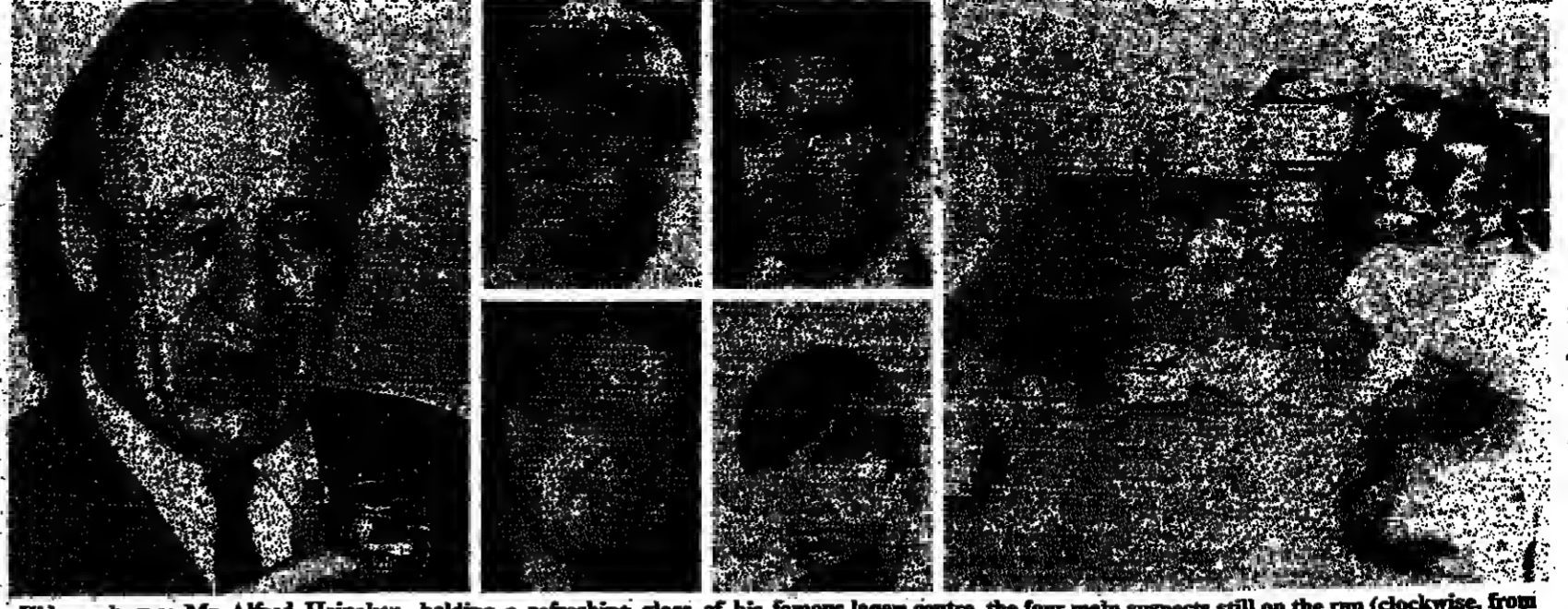
and become an island of tranquillity in the eastern Mediterranean.

He said that the United States Marines in Lebanon, together with the other soldiers in the multinational force, were "an important contribution to stability that is consonant with the role that the United States is playing against totalitarian aggression."

"We in Israel believe that close cooperation between the United States and Israel can go a long way towards securing our common goals, which are a free and independent Lebanon, the withdrawal of all foreign forces, including terrorists, from Lebanon, and the implementation of the Israel-Lebanon agreement of May 1981, Syria can, and must, be persuaded that its designs on Lebanon will not be permitted to take place," Mr Shamir said.

The crucial question of the withdrawal of all Israeli, Syrian and PLO forces from Lebanon will be discussed by President Gemayel of Lebanon and President Reagan at White House talks here today.

Mr Shamir said that peace



Kidnap drama: Mr Alfred Heineken, holding a refreshing glass of his famous lager; centre, the four main suspects still on the run (clockwise, from top left: C. van Hout, F. Meijer, W. F. Holleeder and R. Griffhorst); and the hidden cell, where he was held since November 9.

## Returned prisoners attacked

From Moshe Brilliant, Tel Aviv

Six Israeli prisoners of war who were exchanged last week for some 4,500 Arabs were publicly criticized this week by military and civilian figures in a backlash against their triumphant homecoming reception.

Lieutenant-General Rafael Eitan, who was chief of staff when they were captured in Lebanon on September 4 last year, said that the military command should consider court-martialing them, he said that the six and two others still in captivity, had surrendered without putting up a fight although they had outnumbered their captors.

Addressing the Rotary Club in Tiberias, General Eitan added that they had conducted themselves disgracefully

## Israel to resettle Arabs in West Bank and Gaza

By Edward Mortimer

Details of an Israeli plan to resettle Arab refugees in the occupied territories were disclosed in London yesterday by Mr Mordechai Ben Porat, the chairman of the Israeli ministerial commission on the refugee problem appointed last year.

Speaking at the second international conference of the World Organization of Jews from Arab Countries Mr Ben Porat said that Israel aimed to rehabilitate "within its boundaries" the Palestinian refugees, "whose situation has been perpetuated over the past 35 years by the Arab states".

His detailed exposition of the plan made it clear, however, that the boundaries in question were those of "greater Israel", including the West Bank and the Gaza Strip, and that Israel aimed to resettle only those refugees already within the area

under its control, not those at present in the Arab states.

The minister said that 40,000 Palestinian Arabs were permitted to return to Israel after 1949, and a further 70,000 refugees were allowed back into the occupied territories after 1967. This was already "a big contribution of the state of Israel to solve this problem".

The political aspect of the problem was "bound up with the overall Arab-Israeli conflict and, therefore, can be resolved only when Israel's neighbours follow Egypt's example and negotiate a peace treaty with Israel".

The last two items seem bound to run into difficulties because UNRWA is a UN agency which also operates in Arab countries. The Arab view, supported by the UN, has so far been to oppose any resettlement of the refugees in their present areas of residence so long as their is no political settlement.

Mr Ben Porat quoted a UN General Assembly resolution of 1977 urging Israel "to take effective steps immediately for the return" of refugees who had been rehoused outside the camps in the Gaza Strip.

A further question-mark over the scheme, which Mr Ben Porat said had been presented to the Israeli Government on November 20, is finance. He said that Israel would begin implementing it "to the extent that the enlightened world and all the people of good will aid in financing it".

The previous speaker at the conference, a representative of Syrian Jews, expressed gratitude to President Hafez al-Assad of Syria for lifting various restrictions and giving Syrian Jews "a certain sense of security", though without changing their status as second-class citizens deprived of various rights including the right to emigrate.

He expressed grave concern, however, about what might happen to Jews in Syria if the Assad regime were overthrown and there were political chaos.

## Spacelab furnaces create new alloys

Houston (AP) - Astronauts turned the European Spacelab into a factory yesterday, firing up three powerful furnaces to melt and mix metal samples and create exotic alloys impossible to manufacture on Earth.

The furnaces, generating heat of up to 3,800°F melted silver, aluminium, zinc and gadolinium causing them to mix in different combinations and become exotic alloys.

Experts hope the experiments will lead in development of space factories where molten metals could be mixed to create alloys with unique properties. Many such alloys are impossible to make on Earth because gravity causes the molten metals to separate.

## Germans fight for manuscript

Hamburg (Reuters) - Rest-deots of Brunswick have raised more than 400,000 marks (£100,000) in a bid to buy back a unique twelfth-century illuminated manuscript depicting the life of Henry the Lion, Count of Saxony and Bavaria, to be auctioned in London next Tuesday.

The Land government of Lower Saxony plans to add whatever else is needed to regain it. A price of more than £2m is expected at the Sotheby's sale.

## Brake failure

Cairo (AFP) - A Sudan Airways Boeing 727 crashed into three service vehicles at the airport here while carrying out braking tests in a parking area. The vehicles were destroyed by fire.

## Oil sale blocked

Los Angeles (Route) - A federal judge has blocked the United States Government's sale of oil-exploration leases off the Californian coast on the grounds that irreparable damage would be caused and it would be against the public interest.

## Spider hunt

Sydney (Reuters) - Posters showing portraits of the black, two-inch long, funnel web spider - one of the world's deadliest - went up here asking people to look out for it so that scientists can extract its venom and develop a vaccine against it. In 20 years it has killed 16 people in the area, its only habitat.

## Top jurist

Tel Aviv - Mr Justice Meir Shamgar, who acquired his law degree from London University while interned in a British detention camp in Kenya from 1944-48 as an Irgun Zvai Leumi terrorist, has been installed as president of the Israeli Supreme Court.

## Short sighted

Moscow (Reuters) - A large opticians' centre recently opened here has teams of specialists, the latest eye-testing equipment and sumptuous chairs for people awaiting treatment but no glasses, the newspaper *Trud* complained. It would be 1985 at the earliest before this state of affairs improved.

## Floating HQ for America's Gulf force

From Our Own Correspondent, Washington

The US Rapid Deployment Force (RDF), which is responsible for protecting American interests in the Gulf and the Indian Ocean area, is establishing a small forward headquarters on a navy ship stationed in the region.

The RDF now comes under the US Central Command. This has its main headquarters at MacDill Air Force base at Tampa, Florida. It can draw on

a pool of about 230,000 Army, Marines, Air Force and Navy personnel for rapid deployment in a region covering some 20 nations.

Pentagon officials said that the new 20-nation forward headquarters would be based on the LaSalle, the command ship of the Navy's Middle East force. This has about five ships in the Indian Ocean and the Arabian Sea. The LaSalle is an old amphibious transport converted

into an auxiliary command ship. The United States had been seeking a land-based forward headquarters but had not won acceptance from any of the pro-American Governments in the region.

US forces regularly hold joint exercises with those of Egypt, Sudan, Somalia and Oman. There is also extensive US military assistance to Saudi Arabia and Gulf states.

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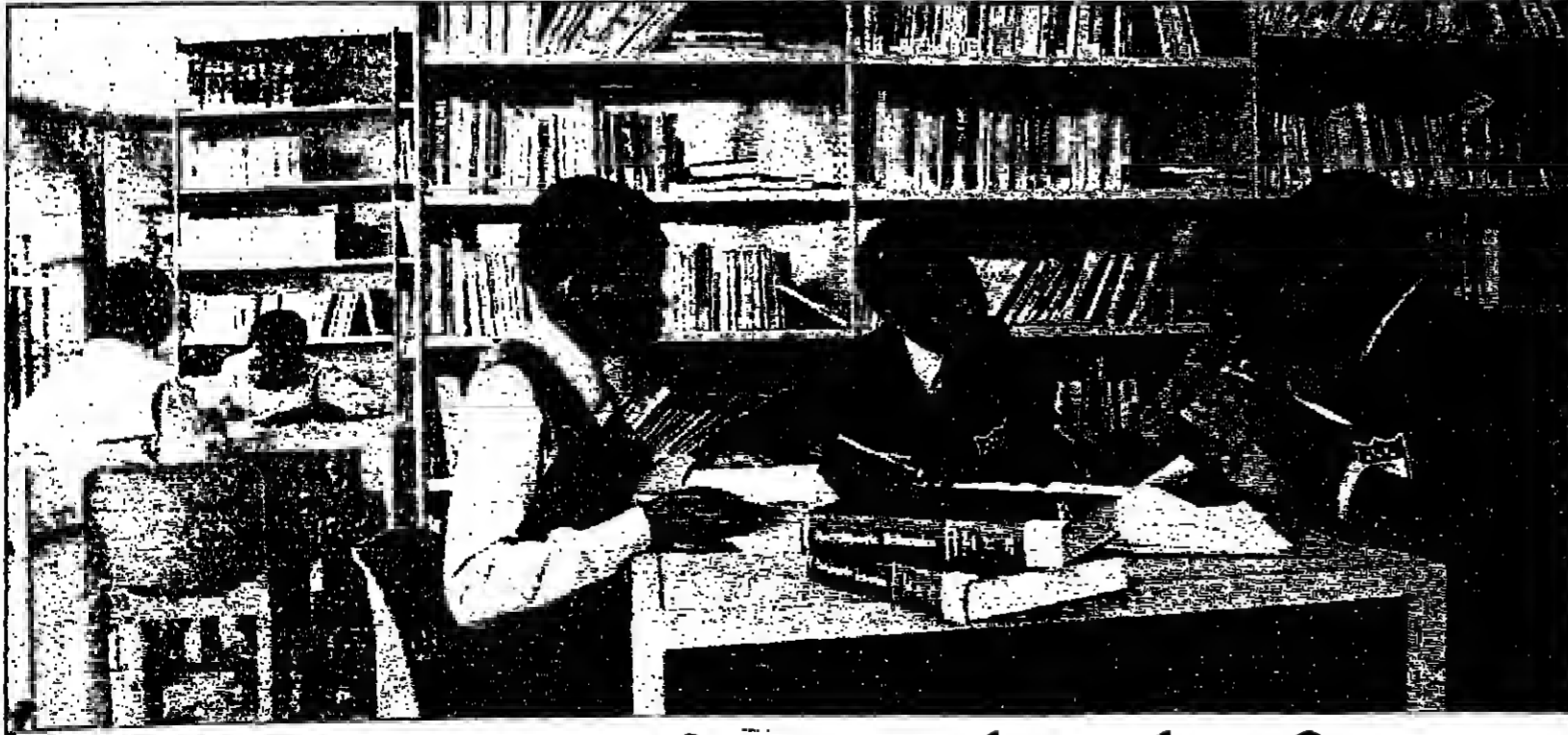
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# We're looking forward to the future.

## Fighting flares in Beirut as Gemayel flies out

From Our Correspondent, Beirut

Sporadic fighting flared in Lebanon yesterday as President Amin Gemayel flew to the United States for talks with American officials on the future of his nation.

Beirut International airport, long the symbolic barometer of military conditions in Lebanon, was closed shortly after sunrise when mortars and artillery shells pounded the runways. The airport was closed to all traffic during the September civil war.

Middle East Airlines, the national carrier, began diverting aircraft to Larnaca, in Cyprus, and Lebanese officials - including Mr Chafiq Wazzan, the Prime Minister - began talks with various militias to secure the landing zone from future attacks.

The state-run Beirut radio also reported that Lebanese Army positions in the central mountains near Souk el-Gharb suffered heavy artillery shelling from Druze-held positions and that Druze and Christian militias exchanged fire in the Kharroub region at the southern end of the mountain range.

Yesterday's skirmishes marked the third consecutive day of serious violations of the September 26 ceasefire accord in Lebanon. The resumption of hostilities coincided with Mr Gemayel's overseas visit, first to Italy and then to the United States.

Mr Gemayel is due to meet President Reagan today in discussion options for getting foreign forces out of Lebanon and renewing the "national reconciliation conference" held by Lebanese leaders from October 31 to November 4 in Geneva.

The US-negotiated agreement of May 17 in which Israel pledged to withdraw its troops from Lebanon in exchange for

various concessions from Lebanon has proved to be a stumbling block for Christian and Muslim leaders trying to negotiate a new power-sharing formula.

Shells from Druze-held positions in the central mountains fell on Beirut's port area on Monday for the first time since the September civil war. On Tuesday, shells fell on Christian Beirut, killing six people.

Schools in Christian neighbourhoods were closed yesterday following a threat of further shelling by the Progressive Socialist Party, which is headed by Mr Walid Junaid, the Druze leader. The PSP claimed on Tuesday that its forces were being fired on. "We are determined from now on to return fire severely and fiercely", it said.

In a statement yesterday, Mr Jumblat's party warned the Lebanese Army and rightist Christian militias to "evacuate all public utilities and multinational camps and positions" including the airport, the port and the power station, "to preserve them".

PARIS: The French Ministry of Defence announced that a French Lynx helicopter from the frigate Duplex was lost on Tuesday night in an accident in the waters near Beirut. A least two of the three crew died. French military officials in Beirut declined to discuss the incident.

## Bear boom

Gland, Switzerland (AP) - Polar bear numbers in all areas of the Arctic have doubled in the past 10 years, the World Wildlife Fund reports here as a result of co-operation between the US, Soviet Union, Canada, Greenland and Norway.

## Ford backs US-Soviet summit

By Henry Stanhope, Diplomatic Correspondent

Mr Gerald Ford, the former US President, yesterday came out in favour of summit meetings between President Reagan and President Andropov next year, but only after careful preparation in Washington and Moscow.

The Vladivostok accord on strategic arms which he signed with Mr Leonid Brezhnev in December 1974, was possible only after 85 per cent of the detail had been previously agreed by Dr Henry Kissinger and Mr Andrei Gromyko, who were then Foreign Ministers, he said.

A summit next year could put the finishing touches to a US-Soviet treaty on intermediate-range nuclear forces in Europe, which he still thought possible despite the recent Russian walk-out from the Geneva talks.

He foresaw the Russians returning to the negotiating table in the spring after the reassessment of their position which was now going on in Moscow. They must be very disappointed after their failure to stop the deployment of new American missiles in Europe or to split the Western alliance. But they stood to gain nothing by refusing to negotiate, he added.

Speaking to journalists over a working breakfast at the English-Speaking Union in London, he was critical of Washington's process of consultation with Britain and other allies before last month's military intervention in Grenada.

On the other hand he did not think that agreement would necessarily have been reached

between President Reagan and Mrs Margaret Thatcher, the British Prime Minister, even if consultations had continued for a month, and he considered that the US decision to act had been "absolutely right".

"The last thing we should do is to nit-pick over issues like that when there is so much solidarity over the big ones", he said pointing out the cohesion between Nato governments over missile deployments in Europe.

He hoped that Mr Reagan would run for the White House again next year, and thought that the world would win. Last night Mr Ford was delivering the English-Speaking Union's annual Churchill lecture on what would have been Sir Winston's one hundred and ninth birthday.



SPECTRUM

moreover... Miles Kington

What a lot of rubbish

The new American director of Sotheby's says that as he has not run a business before and does not know a great deal about art, he will do a lot of talking and listening at Sotheby's "because people are the most precious asset we have"

Curiously enough, we at Moreover Holdings Inc have found the same thing at our auctions. Only last Thursday we had a sale of precious people, and he may find some useful tips in this abbreviated transcript of the proceedings...

Auctioneer: Ladies and gentlemen, welcome to today's sale of important twentieth-century people. Lot 1 is an assorted bundle of valuable left-overs from Coronation Street, a TV programme. No legal case is pending on any of them. I suggest we start at £50,000.

Bidder: £20,000. Auctioneer: Gooe, to the gentleman from The Sun newspaper. Lot 2 is Mr Geoffrey Boycott, a cricketer, no longer needed by Yorkshire County Club.

Attendee: May I have a word with you? (He whispers to the auctioneer.)

Auctioneer: Unfortunately, it seems that Lot 2 may possibly be needed for another year, so he is regrettably withdrawn. Lot 3 is described as a supergrass from Belfast. Mr Sean McNook has been until recently employed by the IRA, an illicit but exciting organization in Northern Ireland, and can now be bought for the spread of further knowledge. Do I hear?

Attendee: Another word with you, sir. (More whispers.)

Auctioneer: Lot 3 has apparently indicated he is too nervous to continue in the auction. I hope we do not have many more of these withdrawals. I never have this kind of trouble with eighteenth-century landscapes. Now, Lot 4 is an art specialist, recently released by a major art-house, who is expert in the authentication of works of art. I would like to start at £60,000.

Bidder: Excuse me, but does this mean he is prepared to authenticate fakes, ascribe minor works to major talents, draw in signatures where necessary, etc?

Auctioneer: Of course. £60,000... 70... 80... gone! Lot 5 is a personage recently employed by breakfast television, ooo free for engagements. Do I hear £40,000? No? Well, let's be realistic. Do I hear £5?

Bidder: £2. Auctioneer: Gone! Lot 6 is a gentleman who has unfortunately been forced to resign from the Tory Party due to a peccadillo with his secretary. Who will offer me £150,000?

Bidder: I will give that for the secretary. Another bidder: I will give £200,000 for her if she can spell peccadillo.

Auctioneer: Done! Now we come to Lot 7, a recently retired head of a major party. Do I hear any bid at all?

Lot 7: You know, and I think we do know, I have been the victim of a press vendetta of such, and I do mean such, scurrility, that one has to go back to, at the very least, a great many years in the past, not that we do not have a future, we do have a future, and a very great future too, I think we can safely say that we do indeed have a future in this great movement of ours...

Auctioneer: So let us move straight on to Lot 8, a mixed bag of unsuccessful Booker Prize candidates.

Bidder: I think I speak for all of us when I say we wouldn't bid for a Booker Prize winner.

Auctioneer: Fair enough. Lot 9, then, and the prize of the sale, a contemporary American committee composed of one black, one woman, two Jews and a cripple. What do I hear?

Jew: You hear me? I ain't a Jew! He's a Jew, but I'm a Hispanic. You gotta have a Hispanic on a committee these days.

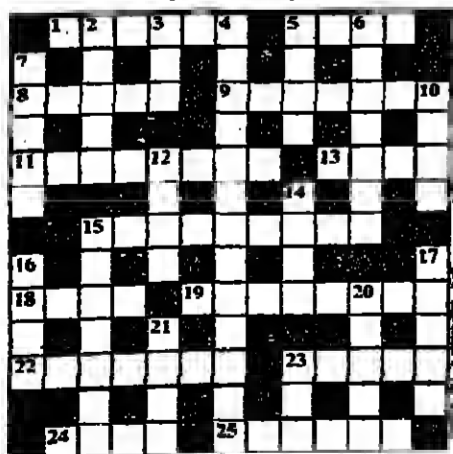
Auctioneer: Sorry. One Jew and one Hispanic. What do I hear?

Black: You ain't heard nothin' yet, man. Woman: You think it's hard being black? Try being a woman!

Cripple: What about me? I'm a handicapped, Polish woman who's unemployed.

Bidder: £50,000. Auctioneer: Gone, to the man from Channel 4.

CONCISE CROSSWORD (No 190)



- ACROSS: 1 Hundred grams (6), 5 Wharf (4), 8 Short of breath (5), 9 Search through (7), 11 Regal position (8), 13 East Anglia flatlands (4), 15 Equably (4,5), 18 Ellipsoid (4), 19 Acclaim (8), 22 High level area (7), 23 Strike (5), 24 Finish (4), 25 Comprise (6). DOWN: 2 Like whimsical child (5), 3 Plaything (3), 4 Nude film (6,7), 5 Demonstration (4), 6 French castle (7), 7 Sharp point (5), 10 Orient (4), 12 Dependable (4), 14 Standard Oil (4), 15 Rustic (7), 16 Poultry cage (4), 17 Jaunty (5), 20 Not whispered (5), 21 Military vehicle (4), 23 Soviet secret police (1,1,1).

SOLUTION TO No 189 ACROSS: 1 Bag 13 Cuts 16 Chew 17 Heaths 18 Boats 19 Key 21 Cleric 22 Sang 23 Thru 25 Pew 28 Enter 29 Absolve 30 Femme fatale DOWN: 2 Appal 3 Onyx 4 Tuck 5 Inkly 6 Knowl 7 Blockbuster 8 Flower power 12 Exhort 14 Thy 15 Malles 19 Genetic 20 ECT 24 Falal 25 Prant 26 Waif 27 Pat

In their quest for relics of the Raj, Jan Morris and Simon Winchester discover a granary like a beehive, an operatic tunnel and some undistinguished churches

Land of the houses of wonders

Captain Garstin's masterpiece

From a boat sailing down the holy Ganges at Patna, in Bihar, one may see a queer and wonderful building protruding above the straggly junipers and acacias that line the bank. It looks rather like a huge white old-fashioned beehive, dominating the flat-topped houses of the town, and any ramble through the more down-to-earth structures of the British in India, the structures of trade, technique, profit and pleasure, may very well begin with it for its appearance is extraordinary, its purpose was purely utilitarian.

It is the Gola, a granary built by the British in 1786 as a precaution against famine, and known to Patna people as Golghar, the Round House. It was designed by Captain John Garstin, Bengal Engineers, a quarter of a century before his Town Hall in Calcutta (and thirty-four years before his death - he is buried beneath a properly architectural catafalque in the South Park Street Cemetery in Calcutta). The Gola is the one building that gets him into textbooks and architectural treatises, and is indeed much the most famous of the purely practical structures of the Raj; and this is because, though it turned out to be an abysmal failure, it looks at once functional and excitingly symbolic. It was a pure work of engineering technique, but it was touched, whether by chance or calculation, with the machismo of the imperial presence.

The singular shape of the Gola probably had Indian origins, for the indigenes had been building conical granaries for centuries. The scale of it, though, was unprecedented. Built of stone slabs, it was 90 ft high, and 426ft round at ground level. The idea was that grain would be poured into the Gola through a hole in the top, allowing it to spread all over the floor, and build up in decreasing diameter to the summit. Spiralling up the outside of the huge cone, accordingly, Garstin

built two brick staircases; the workmen, labouring up one side and emptying their grain-sacks into the summit orifice, stumbled down the other side for more (and once a visiting Nepali prince galloped his pony all the way up, all the way down, for the sheer panache of it).

The building has always fascinated travellers, and people have often read deeper references into its shape. Was it meant to represent the thrifty garnering of the bees? Was it, as the architectural historian Sten Nilsson has wondered, derived from the architecture palatine then popular among the designers of revolutionary France, buildings at once mysterious and allusive, globe-temples, pyramids? Garstin himself evidently saw something heroic in its hefty functionalism, and had this inscription carved upon the side of the building:

No 1 In part of a general Plan Ordered by the Governor-General and Council 20 January 1784 For the Perpetual prevention of Famine in these Provinces This Granary Was erected by Captain John Garstin, Engineer Completed on the 20th July 1786

First filed and publicly closed by... But the rest is blank. Though the Gola has been used in time of famine, and indeed is habitually stocked with quantities of grain to this day, it was never filled to the top, and was never used as Garstin intended it - as a perpetual grain store that is, always kept stocked for emergencies. Nobody really knows why - "it was found", simply wrote Emily Eden in 1837, "to be useless" - and it is certainly not true, as frivolous guidebooks suggest, that its only door was made to open inwards, thus preventing entrance anyway when the granary was full. It is true, though, that the usual emptiness of the building gave it its popular fame: for the acoustics of the Gola are prodigious, and tourists loved it from the start. There was never a more startling whispering-gallery. The most truly operatic of railway

STONES OF EMPIRE, The Building of the Raj, by Jan Morris with Simon Winchester Oxford University Press £15 published November 10.

MAX HARRISON meets Philip Glass, the composer who has been called the thinking man's pop musician

Sound of success

Superstars are expected to be predictable, to have a standardized product upon which their legions of fans can rely. Yet Philip Glass, undeniably a musical superstar in New York, is not like that at all. Perhaps this is because it has taken him so long to reach his present position, and the journey is not yet over. The popularity is anyhow incidental, and he says of his work: "I've always thought of it as concert music. I've never tried to popularize it."

Certainly Glass's background and his present operatic preoccupations seem improbable for one who is now facetiously spoken of as having brought together the audiences for "serious" music and rock 'n' roll. His grandparents were orthodox Jews from Russia and Lithuania, and he was born in 1937 in Baltimore, where his father managed a record shop. Something of a prodigy, he studied the flute at the Peabody Conservatory from the age of eight, took a Chicago University degree in mathematics and philosophy at 19, and in 1962 got his master's degree in composition at Juilliard: a respectable beginning.

Like countless American composers before him, he studied with Nadia Boulanger in Paris, yet it was there, in 1965, that events took an unexpected turning. He believes, with some justification, that Europeans enjoy discovering new American artists before Americans do, but it was in Paris that Glass began to discover himself. Working on the music for a film with Ravi Shankar confirmed an interest in non-western music which had begun during an earlier trip through North Africa. In particular, he became concerned with the primacy given to rhythm, and with the working out of elaborate rhythmic processes over long periods of time.

He moved thus out of "a combination of desperation and frustration. I hated the music that was all around me; the Paris scene was dominated by Boulez, Stockhausen, a sort of dictatorship of contemporary music, and I wanted to start someplace else."

Understandably, he saw his reaction in personal terms, yet unbeknown to him, or to each other, several American composers of his generation, including Steve Reich and Terry Riley, were discovering principles similar to those on which he built his own new pieces.

What Glass, specifically, had arrived at was a music which "was extremely tonal, often based on as few as five or six notes; there was no harmonic change, but a strong rhythmic steadiness." There was much repetition, and a minimum amount of musical material; in effect, the new movement was a reaction against what has been called the twentieth-century information overload.



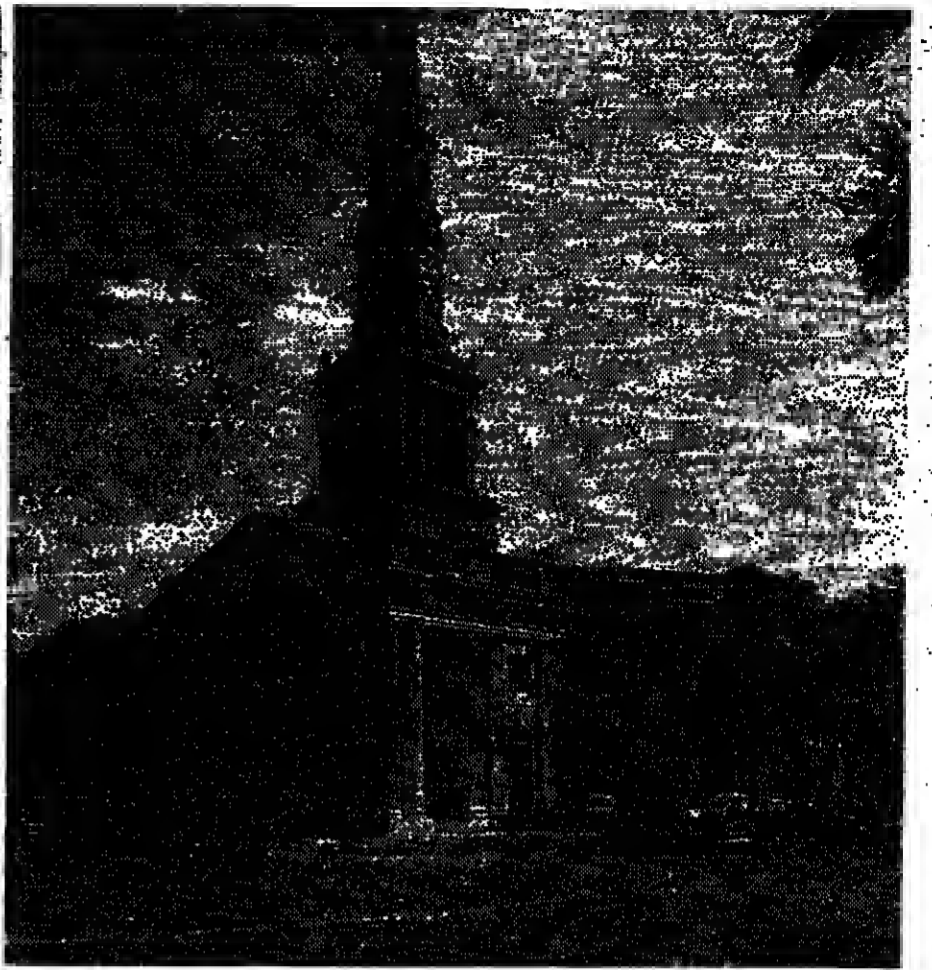
Glass: the man who re-invented opera

ironic that Glass, having found a path of his own, now experienced the sort of audience hostility that had earlier been the lot of Schoenberg, Stravinsky and company. Among his first representative scores was Music in Twelve Parts (1969), and this, Glass remembers, "was the piece during which people would decide whether they were going to stay at the concert. After the first two minutes half the audience would get up and walk out."

Their problem was the usual one: a new music requires a new way of listening. In Glass's work the dramatic phrasing of western music - the cut and thrust, say, of a quick Beethoven symphonic movement - is replaced by an all-enveloping flow of sound. This can seem initially monotonous, the effect compounded by the high volume level made possible by electronic amplification.

An account of Glass's musical growth from String Out for amplified violin (1967) to the more than four hours duration of Music in Twelve Parts (1971-74) will soon be a matter for music history text books and despite its increasing complexity, his music reached a widening circle of initiates. In 1968 he founded the Philip Glass Ensemble with a small instrumentation of keyboards and wind instruments. Faced with indifference from elsewhere, he founded his own record label, Chatham Square, though in the early 1970s a British rock label, Virgin, issued two sections of Music in Twelve Parts. Since then Glass has signed with CBS Masterworks, the first composer to do so since Stravinsky.

Success has been attended by the usual disadvantages. Glass no longer has to support himself by driving a New York taxi, but understanding has not increased in direct proportion to the size of his audience, and he has even been called "the thinking man's pop musician." Admittedly he took him from rock as he did from India, but those no more make him a pop musician than he is an Indian musician; he turned these borrowings into something entirely his own.



The British builders' influence: The domed grain silo at Gola (top left) and St Stephen's Church, Ooty (left). Right, St Andrew's Church, Madras

tunnels was surely the Khojak tunnel, at the time of its completion in 1891 the longest in India, which carried the Chaman Extension Railway to the western extremity of the Indian Empire, on the Afghan frontier. The line itself was theatrical enough. It was begun in 1883 as a secret strategic line, intended if necessary to take troops over the frontier to Kandahar, then allegedly threatened by the Russians, and code-named 'The Harnai Road Improvement Scheme'. In the event it never got further than the frontier itself, where until the end of the Raj rails and sleepers were stored in case the project was ever completed, but it did become nevertheless the quickest way out of Afghanistan to the ports and markets of British India.

The tunnel stood almost at the end of the line, almost on the frontier. Immediately outside it the tracks ended in buffers at the station of Chaman, and travellers into Afghanistan had to transfer to road vehicles. It was fearfully wild and arid country, and to drive the tunnel through the Khwaja Amran mountains the engineers employed thousands of Pathans, Hazarachs, Tibetans, Kashmiris, Punjabis, Arabs, Zanzibaris, Sikhs and Bengalis, together with sixty-five miners especially brought out from Wales, where they had worked on the Severn Tunnel a few years before. Many of these men died - 800 in the winter of 1890 alone, from typhus - but the work was finished in three years, the tunnel being 12,780ft long and made of 19,764,426 bricks, all fired on the spot.

Most of the churches of Victorian Anglo-India were, to put it gently, unmemorable. Some were dismal, more were just dull, and there was a depressing sameness to the run of them. Many indeed appear to have been built to a more or less standard pattern, based perhaps upon some suggested plan of the Ecclesiological Society, then the accepted arbiter of Anglican church architecture in England, and a prolific source of pamphlets and advice. Whatever their origins, you came across these familiar structures everywhere, in some places more expensively interpreted than in others, sometimes relieved with local materials or devices, or local architects' whims, or the liturgical requirements of the contemporary Bishop, or even occasionally a touch of spontaneous Indian arts and crafts, but in general all too much the same.

Churches to a standard plan Let us visit one, on a Victorian Sunday morning, to stand for all the others. One will be enough, especially if we have been serving in India half a lifetime already. We leave our carriage at the iron gate and walk the last few yards through the compound, which is shaded by big trees and is either very dusty or very muddy, according to the weather, being not exactly turf, nor exactly sand, nor exactly soil, but something very Indian and Anglican in between. At the far end of the green stand the nondescript buildings of the church school, with the potted plants

of first-form botany in its windows; at the other are the bungalows of the vicar and the schoolmistress, standard Anglo-Indian style, with standard Anglo-Indian furniture on their verandahs, and standard geraniums potted on their steps.

And here is the church. It is very churchy. No enthusiastic innovator has given life or surprise to it, as eager Captain Underwood vitalized St Stephen's at Ooty, or excellent Mr Growse gave the gift of his Church of the Sacred Heart. Christ Church, Muddipore is a textbook imperial church, as rigid and as regular as the Thirty-Nine Articles of its faith. Here we enter the shade of the statutory carriage-porch, here are the steps up to the front door - any experienced Anglo-Indian could negotiate them with his eyes shut - and here inside is the usual oblong pattern of nave and two aisles, separated by pointed arches in the approved Gothic manner.

The ultimate Anglo-Indian museum, was the one Kipling made famous in Kim - the Ajaib-Gher in Lahore, where Kim took the Lama in the opening pages of the novel. It was rebuilt in 1894, when the Kipling family had left India, but Rudyard's father Lockwood, formerly its Curator, had indelibly stamped upon it his own devotion to craftsmanship and meticulous design.

Each of its display-rooms is arranged around groups of iron columns, and affixed to these are the illuminated show-cases, like fungi on tree trunks. Nothing was done patchily or carelessly in this House of Wonders, and nothing was uncontrived.

Advertisement for Mencap featuring a photograph of a young girl and the text: "You can switch off Nina's problems. Her mother can't." The ad describes Nina as a natural actress who plays the part of a mentally handicapped child in Crossroads. It mentions that Nina is born mentally handicapped and that her mother is also mentally handicapped. Mencap is presented as an organization that helps Nina and other children like her. The ad includes contact information for Mencap: "Mencap, Freepost, London EC1B 1AA" and a small cartoon character logo.

Cheques/P.O.s to be made payable to Mencap. Tick box if receipt required. ROYAL SOCIETY FOR MENTALLY HANDICAPPED CHILDREN AND ADULTS

# FASHION by Suzy Menkes

## The Princess line

The tailored coat is back in business - city slick, sharp-cut and full-length.

They call the fitted coat - appropriately enough - the princess line. For the Princess of Wales, with her trim coats flaring out below a neat waist, has been in the forefront of the current fashion trend. She favours quiet camels and greys, often with a velvet collar like a child's party coat, and a reminder of a different age of royal dressing-up.

The city coat is about looking smart. It is a challenge to the shawls and throws, the ponchos, serapes, heavy-knit cardigans and every kind of jacket that have done duty as winter warmers for the past decade. The tailored coat is the feminine face of the big tweedy mannish overcoats (often actually from men's shops) that young people are wearing.

### The come-back of the dress

The impetus for the return of the coat is the come-back of the dress. The two go together as an outfit as much as the jacket traditionally goes with skirts and separates. It is interesting to see that the Princess of Wales often wears her coat as a coat dress (another incoming trend). That is, she extends one of her formal daytime functions wearing a fitted coat kept firmly buttoned up throughout.

The "college" schoolgirl or blazer coat is the one you are most likely to find at a good price (under £100) in the shops. As its name implies it is based on the school uniform, even though that last bastion of tailoring long since fell to the onslaught of anoraks. The basic "nanoy" coat (and they wear anoraks too these days) is in wool and comes mostly in navy, camel and grey - a good fashion colour this winter. Black coats are splendid to cashmere, and the cashmere coat - light, soft and with a lustrous pile - remains the ideal.

A harder-wearing version is the fitted coat in tweed, usually called a redingote because it came in on the back of a horse and has galloped in and out of fashion ever since. Tweed is the meeting point between the oversized, straight-back sloppy masculine overcoats and the trimmer fitted coats. Redingotes are traditionally cut very tight at the arms and shoulders (no dolman-sleeved seaters under here). The modern versions have a more relaxed line.

It is important to decide what you want your coat for when you set out to buy. The best-selling coats have been swig-backed styles that cover a multitude of separates. New coats are wider at the shoulders, with a very deep armhole or

kimono sleeve which fits easily over a suit or chunky knit. But these upturned triangles look best as a short coat - seven-eighths or even three-quarters - and that requires care in what you put underneath. Slim skirts and trousers are fine; full skirts look odd.

The best guide to buying a winter coat is your own wardrobe - its basic shapes and lengths - and your own way of life. A big, bulky mannish tweed is hopeless if you are jumping in and out of a car (but wonderful if you are a student standing at a bus stop). A tailored city coat is too lightweight for country winds (unless you are lapped in layers of cashmere).

Looking at men's coat departments I feel (as I often do these days) that men's fashion is more practical than our own. Their departments divide between city and tweedy coats both of which seem to cost about one third less than women's coats of the same quality. Women can find a proper wool winter coat for £75 to £100 (with some starting at less). The more stylish coats are between £150 and £250. I believe that there is no substitute for wool, although you can find practical coats in fabrics like cotton corduroy used with a quilted or furry lining. These tend to be sportier shapes and apart from the current trend of streamlined and cinched dressing.

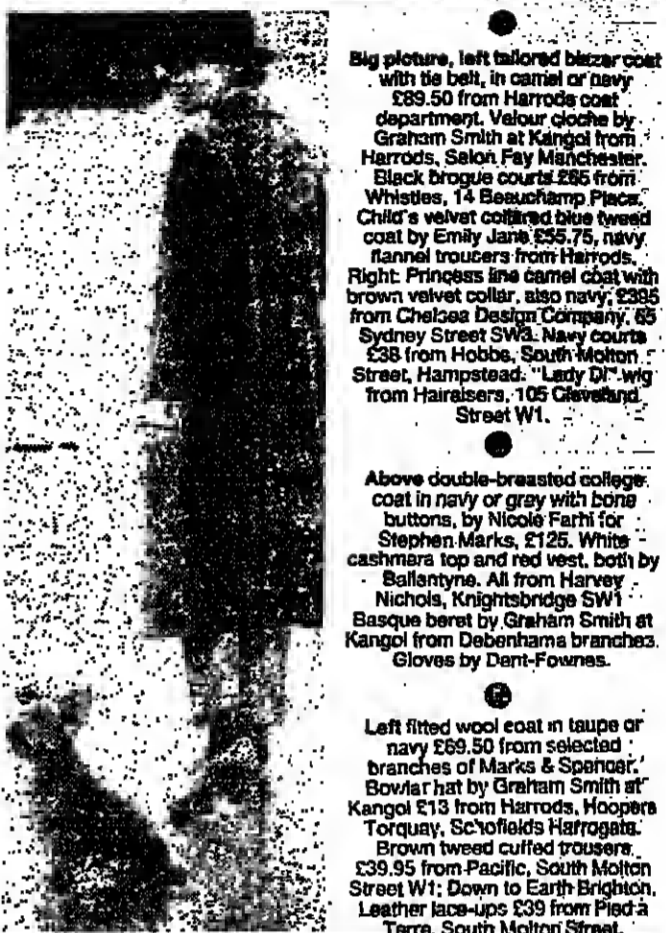
You can certainly find fancy fabrics, blenket checks, bold patterns and strong colours, although I am very doubtful about investing a lot of money in a coat that is marked out by colour and appearance as a one-season garment. The stores seem to feel the same, for the predominant colours are classic and plain, with manish tweeds the firm favourites.

### Mannish hats are much smarter

When you have got your coat, you need to make it live with the right shoes (heels very shaped, very flat or very high). Knee boots are now fashion's kiss of death, unless they are big, bold and baggy. Mannish hats are much smarter than tea cosy wool, berets are fun, headscarves are horsey and shawls are finished.

Perhaps it is a reflection of how we feel about coats that we have the urge to dress them up. I have never heard any woman enthuse about buying a coat or exult in wearing one. For a comparatively young fashion garment (they are only as old as this century) coats have a staid image.

If anyone can turn the solid, steady companion of winter days into something young and fun, it will surely be our glamorous, be-coated Princess.



Big picture, left tailored blazer coat with the belt, in camel or navy £89.50 from Harrods coat department. Velour cloche by Graham Smith at Kangol from Harrods. Sakon Fay Manchester. Black brogue coat £85 from Whistles, 14 Beauchamp Place. Child's velvet collared blue tweed coat by Emily Jane £55.75, navy flannel trousers from Harrods. Right: Princess line camel coat with brown velvet collar, also navy £225 from Chelsea Design Company, 68 Sydney Street SW2. Navy courts £38 from Hobbs, South Molton Street, Hampstead. "Lady D" wig from Hairdressers, 105 Cleveland Street W1.

Above double-breasted college coat in navy or grey with bone buttons, by Nicole Farni for Stephen Marks, £125. White cashmere top and red vest, both by Ballantyne. All from Harvey Nichols, Knightsbridge SW1. Basque beret by Graham Smith at Kangol from Debenhams branches. Gloves by Dent-Fowles.

Left fitted wool coat in taupe or navy £89.50 from selected branches of Marks & Spencer. Bowler hat by Graham Smith at Kangol £15 from Harrods. Hoopera Torquay Schoolgirls Harrods. Brown tweed cuffed trousers, £39.95 from Pacific, South Molton Street W1; Down to Earth Brighton. Leather lace-ups £39 from Pied à Terra, South Molton Street.



Silver Stream pram by Silver Cross exclusive to Harrods. Fashion assistant: Christine Painot. Hair by Shaun Hunt at DANIEL GALVIN. Photographs by NICK BRIGGS.



Above harrington tweed redingote by Sheridan Bennett £169 in brown or grey from Shaws, Beauchamp Place SW2; Rowy, Kensington Church Street W8; June Dayball, Elizabeth Street SW1 and Cheltenham; Mosaic Stratford on Avon; Young Ideas Ashbourne, Derbyshire. Cream mohair sweater £39.95 from Pacific, New Grand Street W1; Down to Earth, Brighton and Hove. Fleck wool nanny hat £45 by Philippe Model from Whistles, St Christopher's Place W1 and branches. Leather boots £95 from Pied à Terra, South Molton Street W1; Sloane Street SW1 and Brighton. Child's coat and trousers Harrods.



Above left tailored cashmere coat in black, taupe, navy blue, camel, £250. White collared printed blouse £35 in red, navy. Both by Alaxon from Harrods and Alaxon shops in Cheltenham, Nottingham, Harrogate and Bath. Hat from Whistles. String gloves by Dent-Fowles from Selfridges. Right kimono sleeved staid grey cashmere/wool coat by Max Mara £260 from Harvey Nichols; Harrods; Viva, Golders Green Road W11; Belle Davie, Ealing Broadway W5; Anna Laraine, Hornchurch, Essex; Lisa Sterling, Liverpool; September Thras, Birmingham.

### Angela Gore



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—an occasional commentary on Important Events— The Brighton Run

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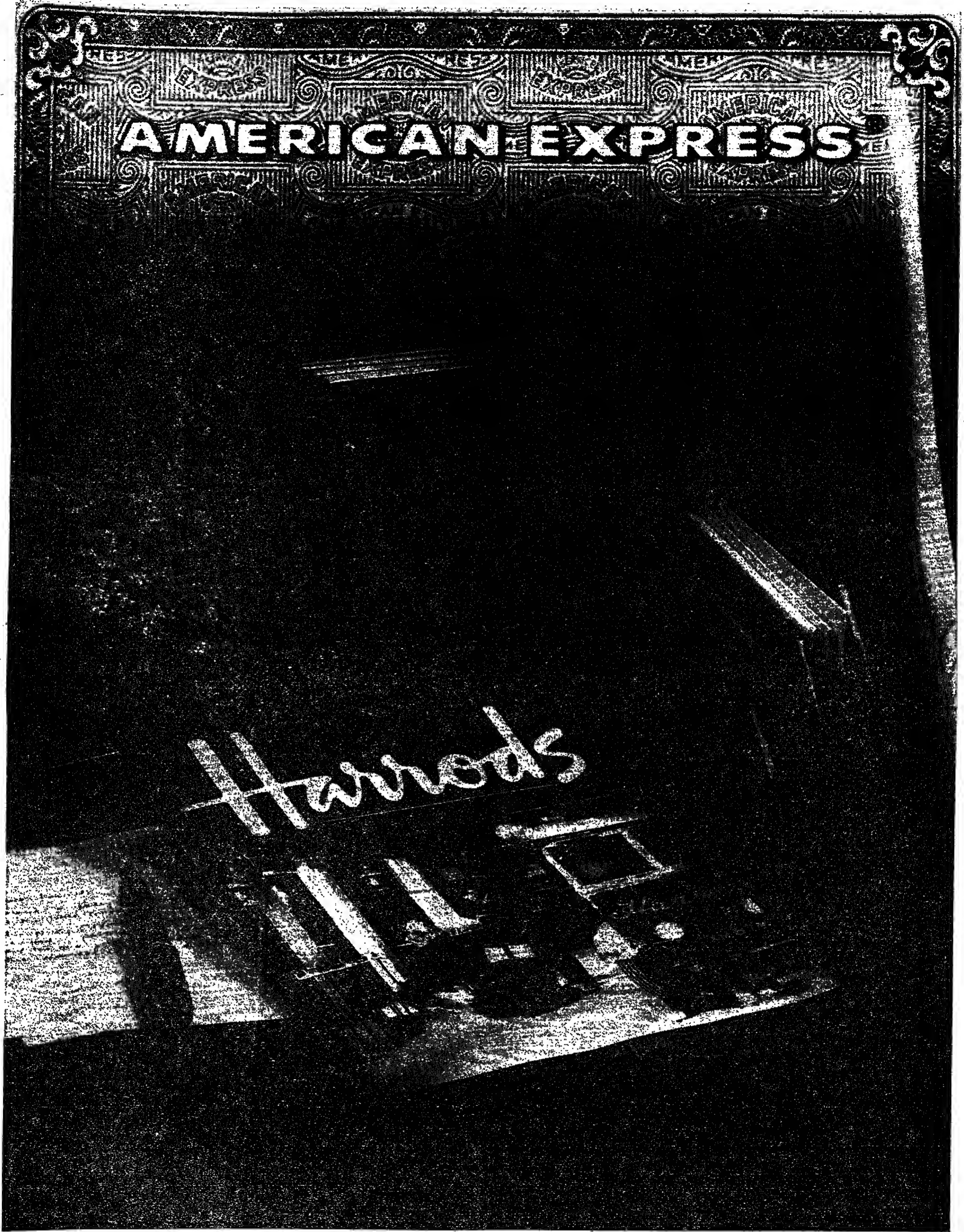
The smallest watch in the world has a face 2.25 mm square. The man who jet-sets around the world can have a watch set in each cuff-link, to mark time on each side of the Atlantic. And if you take some tumbles when out hunting, a reverse watch with a concealed face would be a prudent purchase.

The timepieces on display at Garrard's from tomorrow are part of a special exhibition mounted by the courier of Swiss watchmakers, Jaeger le

Coultre, which is celebrating 150 years of work with 300 pieces, mostly for sale. For example Atmos clock, invented in 1928, which works on atmospheric change, is available in limited editions. Historic pieces include the coin struck to celebrate the eightieth birthday of the Queen Mother - a hidden spring reveals a working watch inside.

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THE ARTS

Galleries Context of delight for the great and good

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Paul Maze Browse and Darby

The Artists of the Yellow Book Parkin/Clarendon

Autumn Anthology Pym



and now we have dealers offering us a valuable opportunity to revalue.

Meninsky has found, of late, a faithful champion in Jonathan Blond, and the new show at Blond Fine Art, until November 11 certainly makes out a compelling case for him. It concentrates almost entirely on the last phase of his career, when he retreated (if we can use the word in a religious rather than a military sense) to a pastoral dream-world where the influence of such English Romantics as Blake, Palmer and Calvert blended happily with that of Picasso in his Neo-Classical period to inspire any number of landscapes in which idealized peasants homeward wended their weary way while bevy-limbed women rested in the fields or bathed naked in paradisiac streams. This may not have been the most immediate response to the Second World War, but we may recall that these works were mostly painted in that same wartime Oxford which also encouraged the mystical-allegorical romances of Charles Williams, C. S. Lewis and Tolkien, and the impulses behind them all seem very similar.

Wolmark was always more of an international figure than Meninsky; though he studied at the Royal Academy Schools, he was advanced enough to show with the French Post-Impressionists in 1910, was a friend of Gaudier-Brzeska, and exhibited fairly regularly in Paris during the Twenties. So much you might guess from the show of his work at the Mayor Gallery until November 25: there is the strong sense of strong colour which never deserted him, and a boldness in the flattened modelling of his forms, whether figure or still-life, which clearly betrays his continental affiliations. Also a powerful sense of pictorial drama: it was not for nothing that he designed also for Diaghilev.

Books, of course, can be a less immediate but more lasting way of redirecting attention than exhibitions. When the two are combined we get the best of both worlds. Christopher Wood, one of the more scholarly of

The Olympian dreams of Lord Leighton in *Syracusian Bride* leading *Wild Beasts in Procession to the Temple of Diana*; and surprising draughtsmanship in Enid Bagnold's *Portrait of Frank Harris*



our dealers, has already enlightened us on many byways of Victorian art, and to coincide with the publication of his latest book, *Olympian Dreams* (Constable, £15), he has staged an exhibition under the same title at his Belgravia gallery, until the end of the week. The "Olympian dreamers" are those Victorians who turned in a fancied past of classical antiquity for their subject-matter, the most famous being Lord Leighton, Alma-Tadema and Edward Poynter.

All of these are represented in the show by characteristic scenes, which demonstrate clearly that their way to the Victorian heart was often by the simple (and perhaps unconscious) use of dressing up familiar Victorian genre subjects in classical clothing (or unclenching) so that the material, apparently remote and exotic, seemed at the same time strangely familiar. To be fair, this is not true of Leighton's grand *Syracusian Bride*

and the Circle of Oscar Wilde were for long undeservedly neglected. Even today there are surprises to be found, as the two-part exhibition at the Parkin and Clarendon Galleries (the latter, appropriately enough, occupying the old offices of the Bodley Head) until the end of the week vividly demonstrates. It may come as a surprise to many to discover, for instance, that Enid Bagnold was such an extraordinarily capable draughtsman, even if we remember that she was one of Sickert's young ladies. Ricketts and Shannon expectedly shine, but so do such friends of the famous as Jacques-Emile Blanche. And, for those who like a little reading-matter with their visual entertainment, there are some classic Beerbohm cartoons to provide a thoroughly irrelevant commentary on his more serious-minded contemporaries.

The Autumn Anthology at Pym's Gallery until November 25 centres, oddly enough, on much the same period, though showing a very different aspect of it. It is a much more coherent show than you might suppose from the noncommittal title, concerned as it is about half with the *fin-de-siècle* vision of the country and half with society at the same time. On the whole the artists represented took an idyllic view of life in the fields, ameliorating considerably the coldness of their great originator Bastien-Lepage (shown here with the very fine *La Poudre Fauvette*) with an Impressionist or even Post-Impressionist flood of warm colour. They were out so happy about urban matters: Tonks and Orebardon incline to the "hopeless dawn" view, to judge from *Lady Reclining on a Sofa* and *The Story of a Rose* respectively, while Creditbagen's *The Soirée* suggests a world it is one's duty to be weary of. Nor is O'Brien's exceptional *The Rain* exactly cheering. But, for the spectacle of minor artists maximising their talents, the show would be hard to beat, and if it makes us look again then it will have done its job well.

John Russell Taylor

Anthology exhibitions too can often happily redirect our attention. Beardsley's light has never been hidden under a bushel, but many of the other Artists of The Yellow Book

Concerts

LPO/Rozhdestvensky Festival Hall/Radio 3

A new focus of experience is beginning to benefit the Shostakovich symphonies, or at any rate the best of them, such as the Symphony No 8 which was played in London on Sunday for the second time in less than a week. On this occasion it was Gennadi Rozhdestvensky instead of the composer's son, Maxim, who brought an emotional, even tragic, character to bear on the music, in which sombre imagination seems to be triggered by grim reality and grief of heart.

The conductor pointed the recurring contrast between the often agonized frenzy of the symphonic ensemble and the still, small voices of instrumental solos which offer the only consolatory thoughts. His metrical insistence forged a strong armature for the music's motive force, as much for the quiet resignation of the slow movement as for the turbulent outbursts that preceded it. We were reminded that Shostakovich had the courage to make his music a testament of truth.

Noël Goodwin

Philip Mead Cambridgeshire College of Arts

Whether or not you can stomach Stockhausen's bizarre, self-centred mythology, there can be no denying the lyrical power of his latest music. First performed two years ago, *Piano Piece XIII*, a version for amplified piano of *Lucifer's Dream* (a scene from *Saturday* in the projected week-long opera-cycle *Light*), once more says new things in new but comprehensible ways, as its mesmerizing British premiere by Philip Mead admirably demonstrated.

Coming from such a source, *Piano Piece XIII* is pure music-theatre. The white-clad soloist, presumably Lucifer, takes on the instrument as if he were taming a lion, a process entailing equal amounts of violence and gentleness. The usual gamut of special effects is required - plucking the strings with the fingers, striking them with drumsticks, slapping and clambering on to the keyboard. And its ritualism is emphasized by Japanese geisha bells, the whispering or shrieking of sequences of numbers, and at the work's climax the launch of

toy rockets which descend via cleverly sprocketed parachutes.

All of that may make the work sound absurd, but it is, after all, about a dream. Heard in isolation it is an act of confrontation, a distillation of the battle between performer and medium. Where in most music the audience hears only the end result of that battle, *Piano Piece XIII* is a vivid translation of the processes involved in getting there.

But that does not prevent the music from possessing a raw sort of beauty, and in Mr Mead's performance every sound was made to count, each event springing organically from what had gone before. Even a feeling of a tonality centred on B eventually emerged. Such concern for motion and development was lacking in Stephen Montague's new piece, *Tongues of Fire*, which preceded the Stockhausen with a barrage of clever but inconsequential effects.

Stephen Pettitt

London debuts

Rewarded by the Kirckman Society with an official debut of his own, after a recent stand-off at five minutes' notice for a singer he was only advertised to accompany, the Australian pianist Piers Lane handsomely repaid their trust. It was moving to hear Brahms's youthful F minor Sonata dispatched with such technical assurance and accuracy, such total strength, such intuitive awareness of the intensity of its introspection no less than its demonstration by someone not very much older than the composer when he wrote it.

Ravel's *Gaspard de la nuit* reaffirmed the arrestingly vivid imagination behind his finger fluency and control of tone, even if he betrayed his youth in a "Le Gibet" as dangerously slow as "Scarbo" was fast, as well as hurrying instead of broadening the climax of "Ondine". Rhythmic could perhaps have been tauter in Weber's A flat Sonata.

The first of the new season's Maisie Lewis Young Artists Fund recitals introduced other British names to keep in mind. It would be wrong to dissociate the cellist Richard Lester from his pianist, Susan Tomes, since in sonatas by Debussy and Beethoven (No 3), as also in Schumann's *Stücke im Volkston*, Op 102, her characterization was engagingly spontaneous and sensitive enough sometimes even to suggest that her instrument, rather than his, was calling the tune. But of the sensitivity of Mr Lester's phrasing and shading, and equally of his beguilingly lyrical, even if not outside, tone, there was never a moment's doubt.

He shared the recital with Vanessa Williams, a mezzo-soprano whose full-bodied heart and unaffected warmth of tone found as happy an outlet in Mahler and Strauss as did her verbal clarity and frankness in Vaughan Williams and Howells.

Joan Chissell

Theatre

The Emperor Jones Gate, Latchmere

Eugene O'Neill's rarely performed expressionistic one-act in a series that Lou Stein has successfully directed in the Gate Theatres at Notting Hill and here at Battersea. I enjoyed seeing it, though its phenomenal demands on the production and the leading actor are not entirely satisfied. The throne-room of the self-appointed Caribbean emperor is one thing, but the forests full of fears and memories, where he spends his long night on the run, strain illusion to the utmost in a pocket theatre - despite Norman Coates's ingenious set with its stark throne folding into a flat stage, circled by ropes that suggest both trees and the rigging of the slave-ship. What sustains the evening is its conviction: the second subtle, dedicated performance by a black company (plus one white actor here) that I have seen in a week.

Since *The Emperor Jones* was written in 1920 theatrical fashions have passed (O'Neill's Chorus of Little Formless Fears quaintly marks the date), self-styled black presidents as rapacious as Jones and much

more brutal have come and gone, and black music itself has developed. In this new score by the reggae drummer Barry Ford the tom-tom beat echoing through the forest as a numbing reminder of Jones's native enemies becomes more sophisticated, more appealing but less hypnotic.

But the ghostly scenes of slavery and murder from Jones's memory, however correct they are at these close quarters, have an overdone quality and Lewis St Juste's explosive arrival in a burst of flame as the grass-skirted, antelope-horned which doctor sets the scene for Jones's prostration for self-sacrifice murmuring, ironically enough, "Mercy, oh Lawd..."

Mel Taylor makes an impressive but not intimidating Jones, curiously amiable and real even in debates with a Shavian gorbimex figure (Christopher Ryan) played as purest pastebord. His earth-bound torments limit the play but I preferred his honest approach in a performance too blatantly cocooned of Jones's mythic pathetic as he made him as sailing to the slave auction all too few years before.

Anthony Masters

Opera Enlightening the inexplicable

La Passion de Gilles Monnaie, Brussels

Though all but unknown in this country, the Belgian composer Philippe Boesmans is well established across the Channel as one of the most gifted among composers approaching 50, compared with Berio as a master of memory and seduction. Most of his works have been instrumental scores with such chic titles as *Sonances*, *Intervall* or *Courtesans*, but now he has come up with an orthodox three-act opera, *La Passion de Gilles*, which the Brussels Opera have mounted with lavishness and enthusiasm.

The piece springs from the strange circumstance that one of Joan of Arc's chiefs, surviving the battles, became a man of awesome depravity, the perpetrator of unspeakable acts on the living and dead bodies of young children: Gilles de Rais. It would be hard to find a case more difficult to bring within some understanding of the human mind, and yet this is what Boesmans and his librettist, Pierre Mertens, have attempted. Where the subject might have been an invitation to violent high jinks of the *Canastera* or *Penderick* sort, Boesmans's music is subtle and densely patterned, inviting us to travel down lines of coincidence and repetition.

Most importantly these concern Gilles and Joan, the two main characters of the opera. Gilles's crimes, it is suggested, were the result of a never-satis-

fied need to consummate and extinguish his passion for Joan: after her death she became for him a moral black hole, accepting a steady stream of evil. But of course the "passion" of the title is to be understood in another sense, for Gilles was as much martyr as Joan, whose fate he eventually shared. At the same time, and this is still clearer, Joan was as much monster as Gilles, being responsible for quite as many deaths in a cause whose gloriousness may now seem to us questionable.

There is nothing new, of course, in saying that the paragon and the devil are both perversions, but in *La Passion de Gilles* the theme is treated with intelligence, grace and calmness. Each act aims towards a confrontation between the two principals, or principles, and ends in spilling from their union a cascade of questions. In the first Joan appears to interrupt Gilles in his dalliance with another woman. In the second she arrives as phantom or impostor to stop him in the midst of his melancholy iniquities; and in the last she comes at his execution to join his destiny with her own.

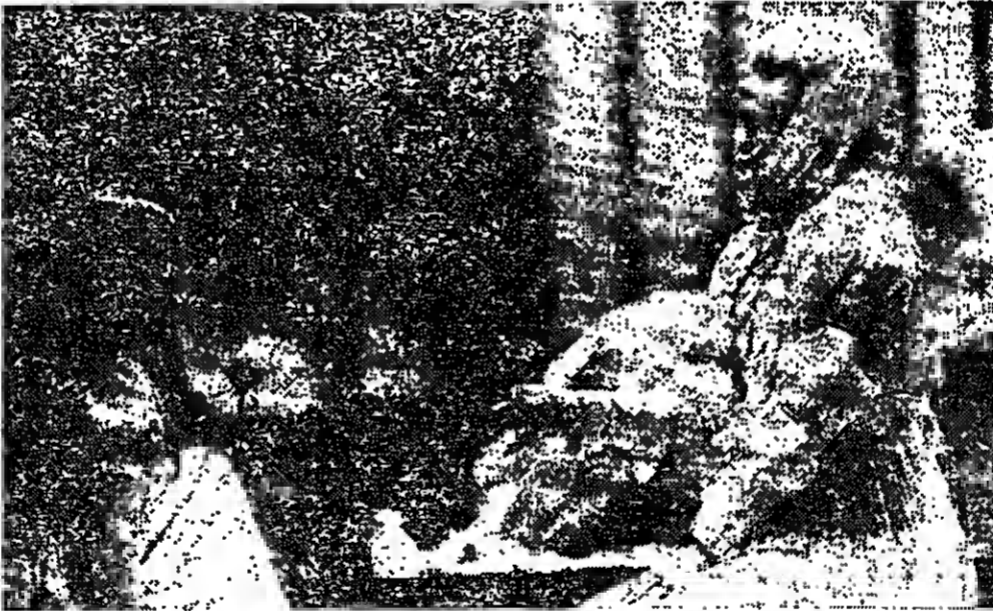
According to Mr Mertens, both composer and librettist envisaged a traditional costume drama in order to present the facts of the case and the piece as plainly as possible. However, Daniel Mesguich, the producer, had other ideas, and he opts for a mystery as bewildering and unreal as the one he devised for Ligeti's *Le Grand Macabre* at

the Paris Opéra last year. The stage is converted by Alain Batifoulier into a corner of some labyrinth of screened enclosures. While the main action goes on in the cell nearest to us, elsewhere there are other possibilities: one recurrent image is that of doubles of Gilles and Joan, caressing one another after a car crash, the fond couple of a future that never happened.

But this is only one of Mr Mesguich's stunning inventions. The maltreatment and massacre of the innocents in the second act, which could have been grossly offensive, is made into a mime: chilling to behold, but surely not injurious to the children involved on stage. And the existence of a candid child's eye is perpetuated throughout the opera. A little girl in Alice costume crawls out of the prompt box to set the whole thing in motion, and appears to observe indifferently. She also takes two significant words from the text: "Quelle importance?"

Some time, I hope, there will be a chance to see how *La Passion de Gilles* stands up at the conventional opera its authors intended. I suspect it will work well, especially if given the striding force of Carole Farley as Joan, the cold, grave steadiness of Peter Gouliouk as Gilles, and the fascinating interpretation under Pierre Bartholomé of a marvellous orchestral score. But in this production it is also two hours of remarkable theatrical magic.

Paul Griffiths



Carole Farley's powerful Joan, with Fanny Margenat-Roy as the little girl

It was inevitable that Peter York, discoverer of the Sloane Ranger, should turn his sights to television. Style is, after all, to do with visual impact, and television influences the way people want to look. Hey Good Looking!, his series of five programmes on style, began last night on Channel 4.

In the first, and scrappiest, of the series, he pre-empted criticism to some extent by his declared intention to "dig as shallow as possible". Dark-suited and pale-faced, York's own style could be summed up as Dracula of the men's wear department. He seemed aware of the effect as he drifted around the palladian architecture of Chiswick House, or appeared suddenly through a panelled door with a sepulch-

Television All on the surface

ral invitation to come down to the "style vault". The words were secondary to a confusing succession of shots of Mrs Thatcher (Political Style), the New Romantic Style Warriors and Princess Diana clones. Beginning with a quotation from Oscar Wilde, "Only fools don't judge by appearance", he summed up finally with a sub-Wilde aphorism, "Who says the art of conversation is dead when a man can make a point with his socks?"

Clare Colvin

If you have the patience after what was more a trailer than a programme, York does get to grips more thoroughly with his subject tonight when he charts the rise and fall in the past 25 years of Executive Style, to spones of grey-suited men with attaché cases hurrying importantly along the concrete wasteland of the Barbican (an architectural example of Executive Style).

York's prediction is that, in a hundred years' time, the only place the word "executive" will be seen is in the dictionary. After the scenes of businessmen on executive-class air tickets indulging in "borrowed James Bonding on the company" that, at least, was a pleasing thought.

One of the success stories of recent British publishing has been in travel writing. Caroline Moorehead here investigates the boom; later this week she interviews three leading travel writers

The touch of magic in other men's journeying

"I do not expect to see many travel books in the next future", wrote Evelyn Waugh in *When the Going was Good*. That was 1946. War, jet aeroplanes, new frontiers and a "world of displaced persons" seemed effectively to have put an end to the golden age of the writing travellers, such as Peter Fleming, Norman Douglas and Robert Byron, who journeyed so widely and so pleasurably during the Thirties and wrote memoirs and biographies, essays and adventure stories, all under a loose and reliably popular heading of "travel".

For today the picture is even more bleak than the one Waugh contemplated: warfare and politics have closed off more areas of the world, while tourists have invaded what remains. Yet travel writing, and the publishing of travel books, flourishes. In the last two years, at least two British publishers have set up in business producing reprints of the books of early travellers, larger publishing houses have devoted lists exclusively to travel, booksellers have moved travel down from

obscure back shelves to central displays, and writers like Paul Theroux, Bruce Chatwin and Shiva Naipaul enjoy the kind of celebrity until recently given only to popular novelists.

At least some of this new enthusiasm must be attributed to Sarah Anderson who, in 1980, opened a bookshop devoted entirely to travel - guidebooks, maps, histories, biographies, explorers' stories, new and second hand - reasoning that there was no one place in London from which someone setting off on a journey could acquire every kind of reading matter needed. (Similar shops now exist in Geneva, Zurich and Paris, and there is a travel kiosk in New York.) Interests are seasonal. "Dur-

ing the summer", explains Sarah Anderson, "mainly Europe. In the autumn and winter, India, South America, Indonesia and North Africa."

The present cult of the traveller consists however not so much in new books as in reprints. John Hatt is the author of a practical guide to the hazards of exotic travel called *The Tropical Traveller*. Three years ago he decided to set himself up as one-man publisher of a series of handsome paperback travel books, concentrating on the nineteenth and twentieth centuries and setting out in make what hitherto had been the province of expensive antiquarian booksellers available to the general public. After him, in quick suc-

cession, came *The Century Travellers*, Virago's collection of nineteenth-century women travellers, and Penguin's Travel Library, all paperbacks of varying degrees of handsomeness and only recently made possible, explains Anthony Cheetham of Century Books, by the new economics of publishing, neither prohibitive hardback nor mass market paperback. Other publishers have hastened to bring back old successes. All report steady if not spectacular sales: Virago, 7,000-8,000 copies per book; Century a regular 5,000. Best sellers are Freya Stark, Norman Lewis and the tales of what one editor called "frothy, bored" Victorian ladies like Isabella Bird or Amelia Edwards. The vogue for travel books is not,

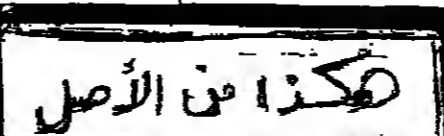
of course, new, and nor is the use by those who travel to write of the subjective "I", often wrongly seen to be the invention of contemporary writers. The era Waugh was looking back on was extraordinarily rich in a kind of book once defined by Norman Douglas as ideally inviting the reader to undertake three tours simultaneously, "abroad, into the author's brain and into his own". When he was writing, Jonathan Cape's Traveller's Library, Tauchnitz's green paper-bound travel books as well as Baedeker's guidebooks were all selling widely. It is no coincidence that so much of the present enthusiasm is for travellers long since dead.

"Good travel writing has not dated", says John Hatt. "And good

travel writing, like good humorous writing, is extremely difficult. How do you avoid the sameness of it all - the dust, the surprise, the quaintness?" The best of the travel books contain, he believes, "a touch of magic". Most publishers agree. Kinglake's *Ethiopia*, Eric Newby's *Short Walk in the Hindu Kush*, Paul Theroux's *The Great Railway Bazaar* are all widely held to possess it. It is, says Hatt, a curiously timeless phenomenon, and often has surprisingly little to do with how well an author otherwise writes.

Dame Freya Stark, on her return from one of her great voyages of exploration, was once asked by a young and nervous reporter whether she considered that travel broadened the mind. She paused, smiled, then

replied, a little crisply, "No". Whether she was right about travel itself, or whether in fact she meant what she said, some of the current desire to travel vicariously seems born of what the American writer Paul Fussell described in his book *Abroad as an "Ode to Freedom"*. More even than in Waugh's day there seems to be a curiosity about a world either vanished or now prohibited, the brief historical period when the exotic places of the world were open to travellers now being apparently over. John Hemming, secretary of the Royal Geographical Society, reports a similar enthusiasm among young travellers, applying in ever greater numbers for support for expeditions to the few uncharted areas. Now, as perhaps never before, there is a nostalgia for the spirit of adventure that took a succession of doomed explorers across the inhospitable reaches of Africa, intrepid Victorian women to the Rocky Mountains and an Irishman called Arthur Kavanagh who, having no arms or legs, could neither walk nor ride, to Luristan, strapped inside a wicker basket.





# Your management isn't short of energy. But is your energy short of management?

In industry and commerce, the emphasis today is on the more efficient use of energy for greater profit.

At the forefront of this trend, the gas people have developed new technologies which offer payback periods as short as six months. The examples below prove that efficient energy management could be the key to greater profits for your company.

### Liquid Heating leaves the steam age.

Until recently, most industrial liquid heating was carried out using steam supplied through transmission systems, a method which involves large energy losses.

A more effective use of the prime fuel is now possible using a high-intensity gas-fired immersion tube heating system developed at the Midlands Research Station of British Gas. A profitable application of this system is currently in use at a factory in Oldbury, West Midlands.

The wide range of steel tubes produced there are passed through heated tanks containing a variety of aqueous solutions during manufacture. Until recently all the tanks were heated by steam – but a programme is now under way to convert them to direct gas heating.

The first tank was converted as a pilot scheme for the rest of the site. Prior to conversion, the cost of steam for this tank was £179 per week. An immersion tube heating system was purchased from one of the licensees appointed by British Gas, and this was installed under the supervision of West Midlands Gas.

The performance was monitored by Midlands Research Station personnel, and an efficiency of over 80% was recorded with a running cost of £72 per week. This represents a saving of 60% which will recover the cost of the system in about six months. Conversion of a further 12 tanks is now in train and the ultimate savings are estimated at more than £65,000 per year.

### How British Industry is recovering from the flue.

Some high-temperature heating systems – such as batch-operated forging furnaces – can waste over 70% of their heat input as a result of heat loss by the discharge of flue gases.

The latest design of recuperative burner, developed by the Midlands Research Station of British Gas, recovers a significant proportion of this waste heat by using the flue gases to preheat the incoming combustion air in an integral heat exchanger.

A Darlaston factory is currently using such a system to save significant amounts of energy and money.

The annual fuel bill on one of the forging furnaces alone has been reduced by £5,000.

Two recuperative burners were installed for a field trial, the design being the result of a development programme to improve performance, reduce costs and simplify maintenance.

Detailed records of fuel consumption and production rates have been kept for the recuperative burner fired furnace and other similar units without heat recovery. Comparisons show that the furnace with recuperative burners uses some 46% less fuel.

The 12 month field trial is now complete, the system has proved reliable and the company involved are now in consultation to convert more furnaces. The cost of converting each furnace is around £6,000, which gives a payback period of just over a year on five-day single shift working. With an improved level of furnace utilisation, this payback period could be even shorter.

### Profit from our experience.

If these high-efficiency developments – or perhaps even more important, the "Energy for Profit" philosophy behind them – interests you, you owe it to yourself – and your shareholders – to find out more.

For details write to the gas people – British Gas, Technical Consultancy Service, 326 High Holborn, London WC1V 7PT.

## WONDERFUEL GAS

FROM THE GAS PEOPLE

A bird by any other name

The boycotting of Roald Dahl, on account of his anti-Israel article in The Literary Review has been short-lived. A pack of three of his children's books are now on sale at Marks & Spencer.

Howe about that

Lord Thomas of Swynnerton, foreign policy adviser to the Prime Minister, is a keen supporter of President Reagan's invasion of Grenada.

Puzzling planner

Staff at the Independent Television Companies Association, the organization which coordinates the affairs of the 15 independent television contractors, are puzzled by the behaviour of their new programme planning director, Colin Shaw.

Clifford-Turner, the London solicitors for Banco Ambrosiano have made a rather macabre choice of company Christmas card this year. Admittedly, Clifford-Turner's offices are close by Blackfriars Bridge but while memories are fresh of Ambrosiano's Robert Calvi sending up beneath the arches, the card, which shows a view of the bridge, doesn't strike one as particularly festive.

BARRY FANTONI



"Say, what's this cricket everyone keeps saying it ain't?"

Oil and water

The Welsh Water Authority is in splashy pursuit of the Aqua dollar. A brochure in Arabic, French and English has been distributed in the Middle East claiming it would be cheaper to import water from Wales than desalinating it from the sea.

Paper-chase

Several readers have written to complain about the treatment they received after visiting the Burlington House Antiques Fair. Not only were their handbags searched on their way in, but also on their way out, just in case they had managed to shoplift a waiwai bonheur de jour or golden ehalice.

Coo and bill

An unpaid telephone bill results, predictably enough, in a disconnected phone. Musician and filmmaker, Vivian Stanshall discovered that an overpaid bill brings the same unkind cut. Mr Stanshall received a telephone bill for £310.51. Absent-mindedly, he filled in a cheque for £310.53. His cheque was returned for amendment - although it would have been less complicated to allow him 2p credit against his next bill.

Cruise: Britain out on a limb

by Oonagh McDonald

We are told that the first cruise missiles may be arriving at their bases any time from today. With little sign of agreement at the international talks on nuclear forces, the Prime Minister alone has no qualms. Other European leaders are loudly urging presidents Reagan and Andropov to reach agreement. The sound of Mrs Thatcher's support for arms reduction is faint by comparison.

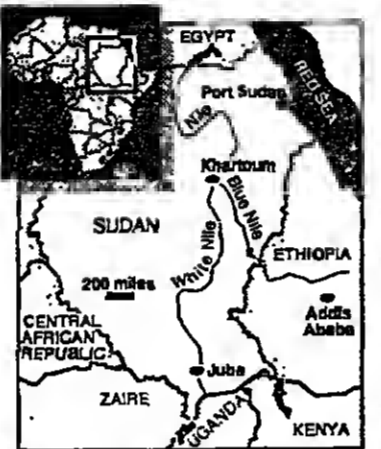
governments of Holland, Belgium, Italy, Denmark and Greece. As Brandt warns: "Nothing is gained for the alliance if we deploy some additional missiles and lose the support of the hearts and minds of millions of people concerned. This support is also an element of strength and security".

Charles Meynell sees Sudan heading for civil war

The juggler misses a throw

A bloody civil war is unfolding in the vast and remote tracts of southern Sudan. War has been simmering since May, when southern troops began to mutiny and defect from army garrisons throughout the southern region.

include about 12 fairly senior army officers. There are now almost daily reports of attacks on government troops and massacres of villagers. Thousands of southerners have fled to Ethiopia, where some of the guerrillas have been trained.



President Nimeiry running out of options

agreement with the southerners and the division respectively of the north and south into three regions last June was in theory a devolution of power. In political reality, however, it was presidential "divide and rule".

legislature separating the Christian south from the Muslim north. The south's case against Nimeiry is that the Addis Ababa agreement was scrapped by presidential decree contrary to the wish of most southerners, that the regional government in Juba was disbanded in favour of three southern regions, that Nimeiry appointed stooges as governors of the new regions, and that at every turn Khartoum has imposed itself.

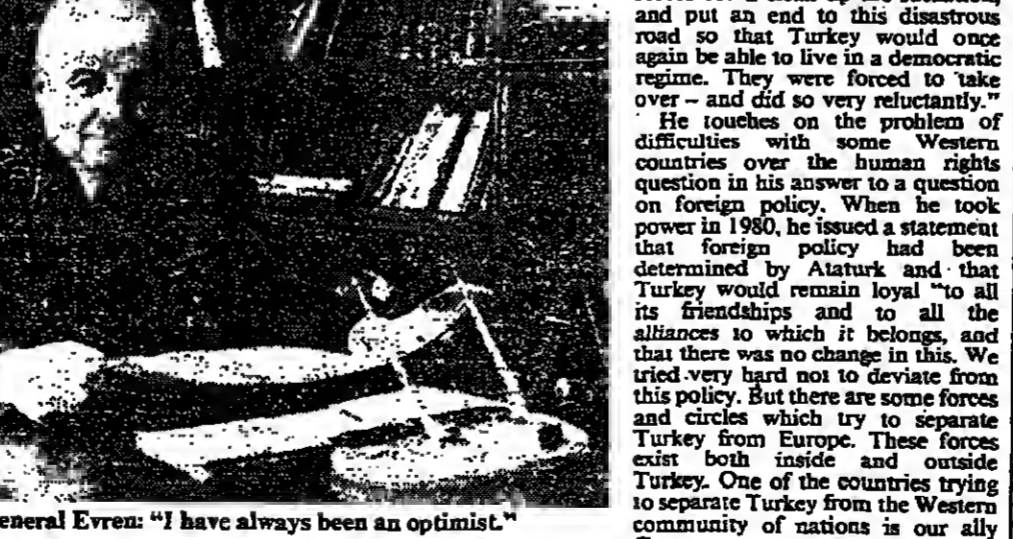
Turkey three years on: just what the general ordered

In the face of seemingly constant international criticism of his three-year-old regime in Turkey General Kenan Evren offers a simple head count to illustrate the benefits brought by military rule. In 1980, he says 20 to 30 people were being murdered every day while now "it is perhaps one single person a month".

parliament which was to find solutions to all these problems did nothing. This brought the general to his essential argument that then, as before, Turkish public opinion looked to the fighting services.

Paper-chase

Several readers have written to complain about the treatment they received after visiting the Burlington House Antiques Fair. Not only were their handbags searched on their way in, but also on their way out, just in case they had managed to shoplift a waiwai bonheur de jour or golden ehalice.



General Evren: "I have always been an optimist."

regards as fair, if rough, justice to politicians, terrorists, unionists, journalists and others who have felt the biting edge of the regime. Only the clipped tone of voice gives a military impression. "Just imagine a country which has a democratic, parliamentary system, with its constitution, its institutions and its legislation. But imagine, too, that in that country the people are disturbed, and each day 30 of them lose their lives. Parents were worried for their children. Parents were concerned about the safety of their children. Schools, be it higher education, or even primary schools had become nests of anarchy. The students were injected with ideology and could not continue to study in normal conditions. There were free

labour organizations which instead of dealing with the problems of the workers indulged themselves in ideology. Factories were occupied and illegal strikes were organized. On the delicate subject in Turkey of human rights, the president said: "Naturally citizens do have the right to life which they could not exercise. People were afraid that someone might knock at their door, afraid of theft or of death. Terrorists and anarchists could shoot at the police but if they did, they would be arrested. The economic situation grew worse each day. Inflation reached 100 percent and prices rose daily. The freely elected

Peace is not just the absence of war

Roger Scruton

How can the "peace movement" be cured of its ruling illusions? How can it be brought to see that peace requires, not the absence of weapons, but the absence of war, that war exists just so long as enmity is not deterred, and that enmity - towards our freedom, our institutions, our custom, our religion and our ideals - has existed unaltered since 1917?

That is a religious belief, and the error of the "peace" movement, as it were, is to have transferred on to the world of human relations a sentiment that attaches properly only to God. If God exists, then indeed he can do no harm to those who intend no harm. But "harm" is not, in God's eyes, what it is in ours. For God intends our death: the death of each of us individually, and (perhaps) perhaps the death of all of us together. A human being guilty of such an intention is indeed the enemy of peace. But that is because men are motivated differently from God, and because the peace of God is something other than the peace of man.

For us, "harm" has an earthly meaning, and includes such catastrophes as sickness and death. There is a certain impurity in supposing that we can guarantee that men will not produce those harms, by renouncing the intention to deter them. For this is to base our attitude to other men, not in a recognition of their perfect good. It is to suppose that we should exchange provisional trust for absolute faith, and so make man, not God, the object of our worship.

Idolatry of the merely human is a normal feature of modern experience. It need not be dangerous, even if it is always faintly ridiculous; it becomes dangerous only in the face of genuine human enmity, for then it threatens peace. Men need peace, and of both kinds. They need the partial peace of human coexistence, and also the absolute peace of worship, in which they are reconciled to their condition. The old liturgies provided the language through which an image of that absolute peace could be briefly entertained. The cause of peace - of true peace - is therefore inseparable from that of liturgical tradition. The peace of the liturgy is granted only because we are permitted to see ourselves, for a moment, outside human conflict, set like a jewel in God's ring.

Now fashion me, the last stone On one of your thousand rings. Oh God - and I shall be filled With good things, and with peace. Having touched on the theme of

A wrong weapon for fighting crime

Louis Blom-Cooper

The Home Secretary is clearly embarked on a penal policy radically different from those of all his recent predecessors, Labour and Conservative. While there is a firm commitment to build more prisons to alleviate overcrowding, the twin aim of drastically reducing the prison population has been abandoned. To be fair, Mr Brittan has declared himself in favour of keeping minor offenders out of prison by providing the courts with the power to impose alternative punishments, and he says he favours the "shortest reasonable" sentences when imprisonment is unavoidable. But he has made no direct appeal to the courts to help in substantially shortening the time prisoners spend in custody.

As far back as June 1977 the Advisory Council on the Penal System recommended that the courts should pass much shorter sentences for run-of-the-mill cases. It argued that there was no reason to suppose that longer sentences had a greater impact on the prisoner than shorter, and that the length of sentence made no difference to whatever deterrent value imprisonment might possess. Successive Home Secretaries warmly endorsed the proposition and the Home Office has persistently advocated its adoption by the courts. In response, the Lord Chief Justice and his colleagues in the Court of Appeal (Criminal Division) propounded a reduced use of imprisonment to a wide range of the less serious property and non-violent offences. But the response at lower judicial levels left much to be desired.

While there was some initial moderation in the length of prison sentences, the general pattern of sentencing has remained depressingly unaltered. Circuit judges and magistrates show no perceptible willingness to use powers of imprisonment more sparingly. Indeed, magistrates dealing with young adult offenders in the first six months of the new system established by last year's Criminal Justice



P.O. Box 7, 200 Gray's Inn Road, London WC1X 8EZ. Telephone: 01-837 1234

PERONISM IN DEFEAT

Senor Raul Alfonsín has once and for all ended the era in which Peronism could claim to be the unique mass party of Argentina...

generous pronouncement in victory, and some Peronists at least have reacted in similar spirit. But the defeat of Peronism is too palpable to be hidden...

as little as possible, and in the face of the mandate of these elections the date may well be brought forward. He has oow the support for a critical hundred days, and the state of his country requires exceptional measures.

SECULAR AND SECTARIAN

Mr R. A. Butler's settlement of the century-old religious question in English state schooling has proved remarkably enduring. Teachers and parents remain broadly satisfied with the daily act of collective worship specified by the 1944 Education Act...

promoters of the Yesodey Hatorah Girls' Primary School in Stamford Hill, Hackney are applying (for a second time) for state support. The application has cogency. The school, which charges only small fees, has mobilized intense parental interest in a Hassidic community of determined beliefs.

this test case. Inevitably they concern moody. By his own department's calculation the IEA is wildly "over-spent"; it is tardy in reducing its school places in line with falling rolls; a new commitment by the IEA in Hackney would put additional pressure on redundant maintained primary schools; all these problems fall into his lap when, under the measure for reorganizing London government, he effectively takes direct control of the IEA some time in 1985.

BACKBENCH DRIVING

John Hoskyns did not rail against the Establishment in Friday's Commons debate on the Civil Service, the first for five years, addressed itself to some of the issues Mrs Thatcher's former senior policy adviser wishes to see at the top of the political agenda...

and the first steps towards a reassertion of Commons control over the supply estimates. Many of the causes he has pressed have eventually been taken up by government. On Friday Mr du Cann guided the debate towards the constitutional issues that matter, the nature of Civil Service power and the imbalance he sees between elected persons (ministers and backbenchers) and appointed persons (officials).

mittees in particular to play a significant part in the process. He believes the performance of those committees since 1979 has shown that civil servants now have a wider role - to serve not just ministers but backbench MPs as well by coming and giving evidence at select committee hearings.

Religious insight

From Fr Deryck Hanshell, SJ. Julian of Norwich's insight into the motherhood in God is at once more subtle and more trinitarian.

masculine noun with feminine endings). Yours faithfully, DERYCK HANSHELL, St Ignatius' Presbytery, 27 High Road, N15, October 27.

Female of the species

From Professor B. A. Thrush, FRS. Sir, I have just received a letter addressed to Prof. B. A. Thrush. Would the corresponding feminine form be "Proforma"?

Fear of clash on farm tenancies

From Mr Peter Trumper and others. Sir, We are responsible, between us, for the management of more than two million acres of agricultural land to tenants; land which is owned by individuals, institutions, charities, pension funds, local authorities and others.

From Mr T. H. Guyatt. Sir, I am 85 and can remember the days when successful tenant-farmers told me how they started as farm labourers, getting a bit of land and selling their produce from door to door by means of a horse and cart.

Principles behind invasion of Grenada

From Sir Peter Smithers. Sir, Events in Grenada provide an interesting example of the ability of Russian policy to create "no-lose" situations. Grenada is a small island with a population of 110,000 persons.

From Mr Peter Foster. Sir, Perversely, the intervention in Grenada is being compared to the USA, where lawyer advertising has been permitted for several years, only a small percentage of the profession advertise and those only in a relatively limited range of legal work.

Care of London's listed buildings

From the Chairman of the Royal Fine Art Commission. Sir, The Royal Fine Art Commission's long experience of the GLC Historic Building Panel suggests that Mr Norman Howard (October 22) is too modest. The officers of its Historic Buildings Division have given invaluable help to my commission over the years in enabling it to reach its views.

From Mr John Hartnell. Sir, Your leading article on Grenada (October 26) begins well, but ends badly. To claim, on the one hand, that US aggression against Grenada constitutes a "breach of international law and the Charter of the United Nations" and yet on the other that the same action "may provide a usefully salutary warning in some quarters", is a grotesque evasion of a fundamental principle.

These are tasks which reach across the artificial boundaries of the London boroughs and which demand a centralised authority with the ability to plan on a long-term strategic basis in the way in which the GLC has been able to do at Covent Garden with such outstanding success.

to the same way the Survey of London, which the panel publishes, should be regarded primarily as a working tool and as an integral part of its practical role. Seen in this light it would make little sense to entrust the Survey to The Royal Commission on Historical Monuments in whose hands it would surely become an academic exercise.

Advertising by lawyers

From Mr Graham Lee. Sir, Torin Douglas (The Times, September 30) may be surprised to learn that The Law Society is not totally opposed to the concept of informative advertising by solicitors. This has taken place through the medium of legal-aid directories for some years and in March, 1984, a new form of solicitors' directory will be published by The Law Society.

When tax is an ass

From Mr M. Martin. Sir, Your leader, "Tasks for Mr Tebbit" (October 18), touches on the regional development policy. As one who is closely involved with a labour-intensive manufacturing company in an unemployment hotspot (25 per cent) in the north of the country I have had first-hand experience of the strong conflicts that exist.

Tasks at Transport

From Mr M. B. F. Ranken. Sir, Your third leader on October 21 rightly warned against a downgrading of the public image of the Department of Transport but implied that Mr Nicholas Ridley's only important tasks are in the heavily subsidised internal rail, bus and road sectors.

Planning for leisure

From Mr J. W. Lambert. Sir, Sir Ian Hunter (October 24) raises a matter of great importance and potential benefit to the future of civilised life; and I hope Lord Gowrie, as Minister for the Arts, will feel able to take it seriously, even to today's inhospitable climate.

Vote for Gibraltarians

From Dr Cecil Isola. Sir, I would like to refer to Mr Robert Peliza's letter (October 24), in which he states, quite erroneously, that Gibraltarians, like the English, Scots, Welsh and Northern Irish, are full British citizens.

Health hazards

From Dr P. W. M. Copeman. Sir, Dundee's "neonatal secretary" (letter, October 27) sounds to be a more healthy hazard than our hospital's "pathological laboratory".

When tax is an ass

stopping us transferring this asset from the prosperous South to one of the worst unemployment areas in the country. This situation is not peculiar to our company. The politicians and civil servants admit it and admit that it does not appear to make sense. They claim they are powerless to change the situation.

Vote for Gibraltarians

Our fleet is presently sixth in the world and contributes substantially to our invisible earnings through cross-trading and import freight earnings. Unlike roads and railways, shipping does not call for subsidies; but it does ask for "political and diplomatic support from the Government against any damaging action by foreign governments" (British Shipping Review, 1983, General Council of British Shipping).

Health hazards

From Dr N. D. Groves. Sir, A signpost near the Casualty Department of my previous hospital directed patients to the "Traumatic Department".

Argentine anomaly

From Dr Desmond Flower. Sir, May I support the letter of Mr Cutler (October 22) on the distressing anomaly about Argentine books. Early in September I wrote to my Member of Parliament on this subject and, after a prompt and courteous acknowledgment, took immediate action. In due course he sent me a copy of a letter which he had received from the Minister of State, Treasury, dated September 17.

Vote for Gibraltarians

Yours faithfully, G. LEE, The Law Society, The Law Society's Hall, 113 Chancery Lane, WC2, October 3.

Health hazards

From Dr N. D. Groves. Sir, A signpost near the Casualty Department of my previous hospital directed patients to the "Traumatic Department".





ADVERTISEMENT

# Marketing - The Key to Prosperity

Ask the five winners of the 1983 National Marketing Awards to what they attribute their outstandingly successful financial performance and they would all stress the importance of a planned and sustained marketing effort.

The purpose of the Awards, now in their 22nd year, is not only to pay tribute to the successful companies but also to demonstrate how an effective marketing plan can result in a considerable and sometimes dramatic improvement in growth and profitability.

Barratt Developments, joint winners with Sainsbury's of the Award for companies with a turnover above £50m, have brought about a revolution in the house building industry during the last 15 years. They have achieved this by concentrating on marketing philosophy, product innovation and by de-centralising their management structure. The company now dominates the house building sector with 18,000 homes planned for this year - 7,000 more than their nearest rival.

Uoifl Barratt's segmented the market it was product dominated and the single family three-bedroom "semi" reigned supreme. Barratt's realised that housing needs change and set about satisfying demand by researching the type and style of house people wanted and then designed and built them at a price which people could afford. A range of new style homes were developed for particular segments of the market - "Solo" studio flats for the young first time buyer through a whole range of designs and sizes to retirement accommodation for the elderly. Another major innovation in marketing terms was the total service which Barratt provided to house buyers including help with the mortgage.

Strong branding has been at the centre of their company's philosophy and the familiar helicopter and oak tree appear regularly in TV advertising while national press ads stress the ease of buying Barratt with special purchase plans.

The result of Barratt's efforts has been to raise the company's turnover and profit

dramatically in a fairly depressed market. Profit before tax shot up from £5.6m in 1973 to £52.2m in 1983.

Sainsbury's is the UK's most successful food retailer. Accelerated growth has been achieved over the last five years since the "Discount" programme was introduced. This is a modern interpretation and continuation of Sainsbury's traditional policy - that the company's lead in quality should be matched by a lead in low prices.

The "Discount" programme set out to offer new low prices which could be maintained, long-term, over a wide range of frequently purchased foods. Shopping hours were increased by 25%, flexible ordering systems responded quickly to the customers' requirements and an efficient distribution network ensured fully stocked shelves. The product range was improved and extended and many new innovative lines were introduced.

A full range of marketing techniques was employed and the two main components were market research and advertising. Market research evaluated and monitored the fast changing requirements of Sainsbury's customers. Advertising on TV, in newspapers and magazines all combined to reinforce the themes of "Discount" and the well established slogan "Good Food Costs Less at Sainsbury's".

The "Discount" strategy was a great success. While competition intensified, Sainsbury's maintained a steady and consistent marketing position and, in the five years since the planned approach was introduced, Sainsbury's sales increased by 283% from £811m to £2,293m; sales per employee rose 60% and, at the same time, 12,000 new jobs were created.

Sodastream, winner of the Award for companies with a turnover of above £20m and up to £50m, has grown dramatically since 1973 and in ten years a £25m business has been built up employing 500 people.

The company manufactures and sells Sodastream machines, refill cylinders and concentrates. In 1979 it adopted a prin-

ciple fundamental to its future success - it established that it was not only in the home carbonated drinks market (which it dominates with a 94% share) - it was in the take home soft drinks business. In this sector it has now carved out a 6.6% share against competition from well established big brand names.

Sodastream's marketing strategy, based on research, has been to promote its products to families with children and 1.5 million homes in the UK now have a Sodastream system. The "Get Busy with the Fizzy" TV advertising campaign rapidly increased awareness and the fun aspect of the machine appealed to both adults and children. There were benefits of economy in comparison with take home drinks. The convenience of the system, and wide distribution through 6,000 outlets helped to build Sodastream's share of the market.

Sodastream now operates on an international basis and has the company's production of machines and cylinders is exported to 20 countries. In 1980 they won the Queen's Award for Export Achievement.

Horsell Graphic Industries manufactures offset litho plates and a range of chemicals and other products for the printing industry at its headquarters in Morley near Leeds. They win the Award for companies with a turnover of above £5m and up to £20m.

In the sixties and early seventies Horsell could sell everything it produced but in 1978 it became apparent that a different approach would be needed. Research gave the company the information it needed. They also undertook an analysis of customer requirements and reviewed their product range in the light of this.

As a result of this study some products were discontinued and a number of initiatives were taken. The technical department developed a plate "Taurus" with an exposure time faster than any competitors. This was the first of a new range of products launched with astron-

omy-linked brand names. "Aquatius", a negative plate with a water based developer, followed soon after and then the "Gemini" system, an innovation in the industry which enabled positive and negative plates to be used with one set of chemicals.

In 1981 a £1.5m reel fed computer controlled production facility came on stream. This system is widely regarded as the most modern installation of its kind in the West.

Horsell's return on capital has grown from 22.5% in 1979 to 29% in the current year and Horsell now have export sales accounting for over 40% of their turnover.

Bath replacements now vastly outnumber new installations and acrylic baths now account for 64% of sales. Ram Bathrooms Limited was formed in 1980 to capture a share of this growing acrylic market and trading under the name Spring Bathrooms it now supplies 20% of all acrylic baths sold. Its factory is at Sowerby Bridge near Halifax and Spring won the Award for companies with turnover up to £5m.

Architects, builders and plumbers made the decisions about bath installations but Spring planned to involve the consumer. Now more people choose their own bath and in many cases install it themselves. Design played a vital role in the company's strategy and their range included modern designs with features previously only available with more expensive luxury products.

Product availability was all-important at a time when distributors were de-stocking. A new manufacturing process perfected by Spring's engineers enabled quick change over of moulds and this facilitated a "made to measure" mode of operation.

Spring distributes its products mainly through major DIY multiples, and builders merchants. Through own branding and special promotions it has forged strong ties with retailers. The company's commitment to design and their distribution strategy has paid off handsomely and the first figures issued since Spring Ram Corporation plc went public earlier this year show a half year pre-tax profit of £635,000 on a turnover which has now risen to £5.8m.

All the components of marketing - research, design, product planning, pricing, advertising and promotion, sales and distribution - have played their part in the success stories of the Marketing Award winners this year. The opportunities these companies grasped in their particular sectors exist in abundance elsewhere and valuable lessons can be learned from the initiatives taken.

It is also worth noting that each of these companies has increased employment opportunities, by over 12,000 jobs in the case of Sainsbury's, for example, and this alone is an excellent reason for exhorting more companies to adopt a dynamic marketing approach at the present time.

## Teaching by example

One of the "Victorian values" which is currently enjoying a revival is the increasing amount of attention which businesses are now paying to the requirement of their customers. The recession has brought to an end the days when companies could sell everything they produced and the competition for existing business has brought about a remarkable interest in marketing and marketing techniques.

Peter Blood, Director General of the Institute of Marketing, hopes that this new awareness will, once and for all, end the belief that marketing is just another word for selling. "There is certainly a greater recognition, at all levels, of the need for companies to have a planned approach to securing and keeping customers," he says. "But the industrial sector in particular has been slow to adapt to market changes." To support this view Blood quotes from a 1981 NEDO Sector Working Party report which said "The sector committees continue to identify the lack of commitment to marketing as the single most important constraint on improving UK and overseas market shares".

Manufacturing and Design Consultancy Services, may eventually be set up. "If this comes into being it will make available a fund of marketing expertise which many companies, particularly in the industrial manufacturing sector, lack" says Blood.

The Institute's own Marketing Advisory Service is believed to be unique and involves over forty managing or marketing directors who voluntarily give up some of their time to advise individual companies with a marketing problem. The participants include Sir Kenneth Corfield, Chairman and Chief Executive of STC and Eddie Nixon, Chairman and Chief Executive of IBM, and a few hours of their time could bring a breadth of knowledge and experience which would be almost impossible to obtain elsewhere. However, Blood is quick to point out that this service is not offering long-term consultancy and many businesses require a more sustained level of marketing support.

The standards of professionalism in marketing have risen dramatically over the past ten years, and a recognised marketing qualification, together with management experience, is now a mandatory requirement for membership of the Institute of Marketing. Over 5,000 students in the UK are studying for the Institute's Diploma in Marketing and about 3,000 young people acquire some kind of marketing qualification from universities and colleges each year. However, there is still a long way to go in convincing top management that, just as they would not employ an unqualified accountant, engineer or architect, they should not gamble with their company's future by employing unqualified marketing executives.

Blood believes that the recession has led to a great improvement in the standard of management in general, and of marketing management in particular. The level of interest in marketing and sales training is a good guide to the state of the economy and the Institute's College of Marketing at Cookham in Berkshire has shown an increased level of occupancy in the last few months. "The best way to teach is by example" says Blood. "I am delighted to say that our Institute's return on average capital employed was 33.5%, which is certainly better than the national average. The good news is that, because we are a professional body, owned by the members, all this money goes towards improving our services and publicising the importance of marketing to the British economy."

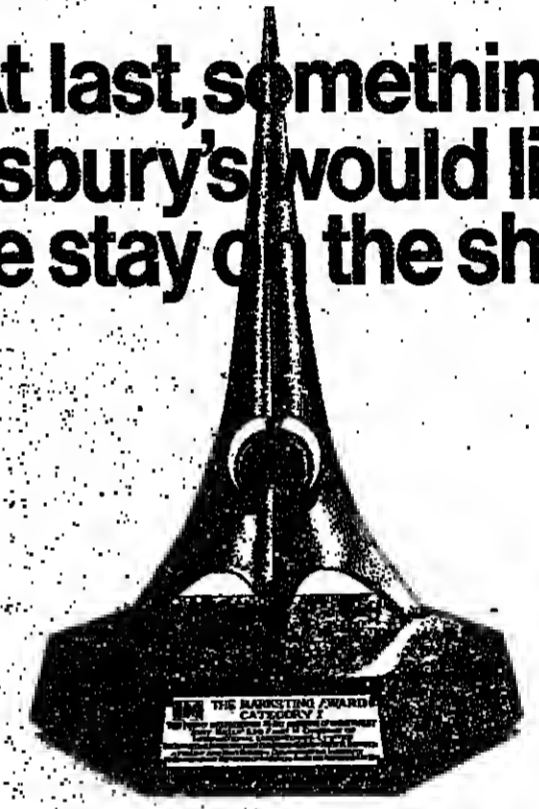
"Our Award winners and other successful companies have demonstrated that marketing is not an expensive luxury. By adopting a marketing philosophy which permeates the whole organisation, it is possible to achieve outstanding results without spending a fortune" says Blood.

The Institute of Marketing is about to publish a survey which provides evidence that there is a noticeably higher profit level in companies which claim to operate a marketing strategy. So, what holds some companies back from following their example?

Two major constraints to progress were identified by 300 top executives questioned last March - a shortage of well trained marketing executives and a lack of commitment to marketing at Board level.

Blood believes that his Institute - the largest professional marketing body of its kind in the world - is playing a major part in winning over "hearts and minds" and tackling the more practical education and training problem. As evidence of the better understanding of marketing's role, he cites the frequent references made in speeches by Cabinet Ministers and top industrialists. In addition, the Department of Trade and Industry is currently conducting a survey into the possible take-up of a government-funded Marketing Consultancy Service. The survey is the result of a proposal made by the Institute to the Department and a service, similar to the successful

At last, something Sainsbury's would like to see stay on the shelf.



Congratulations to  
Sainsbury  
Sodastream  
Horsell Graphic Industries  
Spring Bathrooms

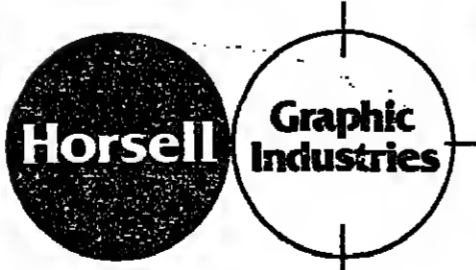


10/10 ✓

Full marks and Congratulations to the Winners



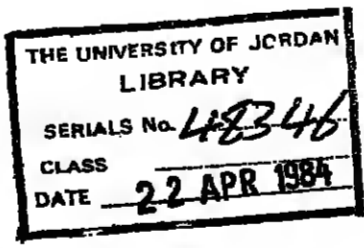
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Spring Bank Ind Estate, Sowerby Bridge, Halifax, W. Yorks  
Tel: 0422 839558

Zero to £25 million in ten years

- a soft drinks success story

SodaStream the drink makers

## The National Marketing Awards

The National Marketing Awards have been presented annually by the Institute of Marketing since 1961 to recognise the marketing achievements of British companies and thus give encouragement to every business throughout the country. The four Awards are made on the basis of a written submission.

The adjudicating panel evaluate the submission by assessing the company's performance under the following headings:

- Use of marketing approach and techniques
- Marketing Performance
- Company Growth and Profit
- Innovation and Exploitation

For more information write to the Director General, Institute of Marketing, Moor Hall, Cookham, Berks SL6 9QH



FINANCE AND INDUSTRY

Executive Editor Kenneth Fleet

Sterling and Broackes look for green light

Mr Jeffrey Sterling is nothing if not a realist. Today he becomes chairman of P & O, where his immediate brief is precise.



Sterling (left) and Broackes: agreed that Trafalgar will be allowed to bid again

Should he fail, his failure would be redeemed only if he extracted a much higher price for the loss of P & O's independence. It is a tall order.

Dispansionate evidence

Like his adversary, Mr Nigel Broackes, chairman of Trafalgar, Mr Sterling is convinced that the Monopolies Commission, to which the original Trafalgar bid in May was referred, will report in December, comfortably ahead of the conventional six-months deadline.

The two men are also agreed on one other point: the commission will recommend to Mr Norman Tebbit, Secretary of State for Trade and Industry, that Trafalgar is given the green light to bid again.

Sir Godfrey Le Quesne, the commission chairman, and his fellow panelists, have been impressed with the dispassionate and adult evidence, both written and verbal, given by Mr Broackes, his Trafalgar directors and their legal counsel.

P & O for example, complained that Trafalgar had omitted results from Express Newspapers, hived off last year, from its historical comparison of P & O's and Trafalgar's profit performance.

Mr Broackes's responses were even more interesting. The May offer of four for five he had not regarded as "a kickout in

the foreseeable circumstances. We would have to add some cash or some addition to the securities." That was true before the advent of Mr Sterling, "the only new factor" since May.

The Trafalgar chairman was equally sanguine on the specific issue of gearing, "there is a significant handicap and ours is tolerable." It was perfectly open to Trafalgar to sell P & O's "dormant" properties, including its Leadenhall Street head office (for £65m?).

Beyond that, Trafalgar would not make permanent funding arrangements until it was clear whether it would be required to sell (for perhaps £100m) P & O's 47.5 per cent stake in the OCL container consortium.

Compelling presence

Although Mr Sterling had not appeared before the commission, his spirit was a compelling presence during the "live" sessions. Mr Broackes has his customary languidly eloquent self on P&O's saviour-lect.

He is "an able, numerate person and I have little doubt that his appointment as chairman of P&O will be an improvement. But I do not think it can achieve for P&O as much as P&O's merger with Trafalgar could."

It would be right to say that at this stage a renewed Trafalgar bid, given clearance by Monopolies Commission and minister, is an even money bet. That does not mean that Mr Broackes and his hungry managing directors have faltered in their belief that a successful bid for P&O is a dream deal for Trafalgar.

And what if Mr Sterling, as part of his defensive strategy, was to put part of all of his Sterling Guarantee Trust, formerly Town & City Properties, into P&O?

Trafalgar wants no part of SGT. If marriage, or even a lasting affair, were proposed, Trafalgar "would present shareholders of P&O with a choice: would you like P&O to acquire part of Sterling or would you prefer Trafalgar to acquire P&O excluding Sterling?"

State group takes 30% stake in international consortium

Rolls-Royce seeks £113m for 'world' aero-engine

By Andrew Cornelius  
Rolls-Royce, the state-owned aero-engine company, yesterday called for £113m of government aid to build the first "world" aero-engine in collaboration with partners from the United States and Japan, Italy and West Germany.

The appeal for government aid came after Rolls said it was taking a 30 per cent stake in a company being formed to handle the £1 billion project to build engines for the 150 seat civil aircraft market.

The new company, International Aero Engines, is being established on neutral ground in Switzerland within the next few weeks. Its first chairman will be Mr Ralph Robins, a Rolls director.

Sir William Duncan, chairman of Rolls, said that the new company aims to deliver its first engines by early 1988.

He said that Rolls' share of the non-recurring costs of the project is estimated at £226m at today's prices. The company is asking the Government to provide half this amount from public funds.

The balance of the consortium's funding will be provided by Rolls partners according to their shares in the project. Pratt & Whitney in the US is also taking a 30 per cent stake, the Japanese Aero-Engine Corporation 19.9 per cent, MTU of West Germany 12.1 per cent, and Fiat Aviazioni of Italy 8 per cent.

Sir William said that the company will be a 60 per cent share of this market. Early soundings with the big aircraft manufacturers have been encouraging. Boeing has indicated that the engines would be suitable for its Boeing 737 aircraft and also the projected 7-7 aircraft.

However, the immediate target is to power the proposed A320 150-seat aircraft which the European Airbus Industrie consortium wants to build.

Control of the V2500 project will be shared between the partners, who will each nominate directors to serve on an executive board chaired by Mr Robins.

Sir William said that the V2500 would use the latest technology to provide an engine which would be 14 per cent more fuel efficient than any rivals.

Sir William indicated that no new jobs would be provided in Britain as a result of the project, but that jobs at Rolls' existing plants would be safeguarded.

The meeting was needed to change the arrangements whereby the Government puts funds into BL by buying shares in the company after an increase in

BL's share price from a low of 13p this year to a peak of 81p in recent weeks. The previous arrangements were possible only as long as BL's share price was 50p or less.

At yesterday's meeting the rules were changed to allow new shares to be issued at the middle market share price on the five days before the new share issue.

BL clears loans obstacle

BL, the state-owned car company, was yesterday forced to call an extraordinary meeting of shareholders in London to overcome a technical hitch in obtaining a £100m injection of public funds.

The meeting was needed to change the arrangements whereby the Government puts funds into BL by buying shares in the company after an increase in

BL's share price from a low of 13p this year to a peak of 81p in recent weeks. The previous arrangements were possible only as long as BL's share price was 50p or less.

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Receiver called in at Mettoy

By Derek Pain  
City Correspondent

Menyo, the toy company responsible for such famous lines as Corgi cars and Petrie typewriters, announced yesterday that it had called in a receiver.

Mr Bernard Hanson, chairman, said: "It's a very sad day for us, but it is a fact." The receiver, Mr Richard Smart, intends to keep the group going to see if buyers can be found. Mettoy employs about 1,000 at its toy factory in Swansea and its engineering plant at Northampton.

It is the latest casualty in a series of toy company failures. Others in recent years include Lenny Airfix, Dandy, Combe-Max and Berwick Timpo.

Ahead of Mr Smart's appointment, Mettoy shares were suspended at 7p. Earlier this year topped 50p as excitement grew about the group's involvement in the Dragon Data home computer group.

Dragon is not caught up in the Mettoy failure, Mr Hanson said: "It's back on form and running again".

Mettoy was forced to cut its shareholding in Dragon because of its losses. After a £3.5m rescue package, master-minded by the Prudential, the Mettoy shareholding was reduced to 15 per cent, although the toy-maker retained certain options which, if exercised, would increase its involvement to 18 per cent.

Dragon itself was hit by disappointing sales and cash flow problems. Mr Brian Moore, drafted in to Dragon from the General Electric Company after the rescue deal, said: "Dragon Data is a fully independent company and the news of Mettoy's receivership can have no significant effect on the running of this company."

"We have a full order book and anticipate a healthy run up to Christmas which is traditionally a very active period. The Prudential has 42 per cent of Dragon and the Welsh Development Agency 23 per cent. Other shareholders include the Water Development Council, two investment trusts and Dragon executives."

Mettoy said it had suffered losses "which have ultimately forced the directors to conclude that it could no longer continue to trade with the existing debt burden".

Since 1979, when it last made a profit, it has lost more than £10m.

Norwich Union sells bank to Americans

By Peter Wilson-Smith,  
Banking Correspondent

Riggs National Bank, the largest bank in Washington DC, has agreed to pay £25m for the London-based AP Bank, a subsidiary of Norwich Union.

AP Bank, with total assets of £400m and net profits of £1.5m in its last financial year, was founded in 1928. Anglo-Portuguese trade but now offers a range of banking services including trade finance and foreign exchange. It was bought by Norwich Union in 1975.

Riggs is controlled and run by Mr Joe Allbritton, its Texan chairman and chief executive who once owned the Washington Star. Riggs already has a branch in London.

Mr Allbritton said yesterday: "We are delighted at the prospect that AP Bank will soon join Riggs. This affiliation will enable Riggs to broaden its base of banking services by drawing on the indigenous strength of AP Bank and appropriately

enhance the base for activity in both UK and Europe." Riggs had assets of \$4.22 billion at the end of September 1983 and has been closely identified with the Washington establishment. More than half the US presidents have been personal depositors there.

Mr Michael Falcon, chairman of Norwich Union, said yesterday that changing conditions in financial markets and banking regulations had substantially altered the advantages of the group operating a full range of banking services, so it decided that it was best to sell AP Bank.

However, Norwich Union will keep a close association and still hold £10m of unsecured stock in AP Bank.

The takeover is subject to regulatory approvals. However, the Bank of England has been kept informed and is happy with the deal.

Late rush of freeport applications

By John Lawless

The Treasury faced an avalanche of would-be freeport operators as it closed its list for applications. The Government's experiment to introduce the tax-advantageous manufacturing zones to Britain, had looked as though it would fail. Only three applications had been received by the end of last week.

By yesterday evening, however, the list had stretched to more than 40. The Treasury has not yet decided to formally announce the applicants, but Southampton yesterday declared its interest. A consortium of Associated British Ports, Trafalgar House, Ocean Transport and Trading and Kleinwort Benson announced that it was bidding for a licence.

There are fears within the infant industry that only two or three sites might be sanctioned and only the most financially stable cases will get the go-ahead. When it announced guidelines for applicants in July, the Government made it clear that it did not want freeports to be sought by towns to banish in front of foreign manufacturers intending to locate a factory in Europe.

It is not convinced that freeports - which allow goods to be processed or manufactured duty-free, with tax applied only when final shipment is made to the customer - will work in Britain.

Rotterdam and Hamburg are seen as Europe's best examples, but they are mainly involved in entrepot (or trans-shipment) trading, with few factories involved.

Shares up in active trade

New York (AP - Dow Jones) - Shares were higher in active early trading yesterday, helped by an easing of tension concerning Grenada and by a much sharper than expected decline in the money supply.

The Dow Jones Industrial average was up by more than three points. Advancing issues were about seven-to-five over falling shares. International Business Machines was 12 3/8, up 3/8. General Motors 77, up 3/4. General Electric 52 1/2. Merck 96, up 1/2. Atlantic Richfield 43 3/4, up 3/4.

WALL STREET

Pillsbury 70 1/2, up 1/2. Motorola 135 1/2, off 1/2. Howell 123 3/4, up 1/2. US Steel 27 1/2, up 1/2. Exxon 38 1/2, up 1/2.

Digital Equipment rose 1/2 to 66 1/2. Data General fell 1/2 to 71 1/2. Commodore International rose 1/2 to 33 1/2. Burlington Northern was unchanged at 105. Raytheon was up 3/4 at 44. National Semiconductor was up 1/2 at 53 1/2. Honeywell down 1/4 at 26 1/2. McDonnell Douglas up 1/2 at 54 1/2, and Westinghouse up 1/2 at 48 1/2.

Tax haven loophole faces closure

The Government has drawn up proposals to close a loophole through which British companies use tax havens.

The Inland Revenue's revised draft of proposals to be considered for inclusion in the 1984 Finance Bill are designed to make British companies liable to corporation tax on profits from their interests in British-controlled companies based in tax havens from next April.

NEWS IN BRIEF

Mr Robert Gunn, previously managing director of Boots' industrial division, has been appointed chief executive of the group in a reshuffle of senior executive posts.

Bond Corporation, controlled by Mr Alan Bond, the Western Australian entrepreneur, plans to acquire 49 per cent of Sulperato, a Canadian oil and gas company with British interests, in return for an investment of £315m (£281m).

The US Senate was trying to avert a new government borrowing crisis last night by passing highly controversial legislation to raise the federal debt ceiling to a proposed \$1,615 billion. Neither conservative nor liberal members appeared eager to approve a Bill increasing the Government authority to finance the deficits.

Samuel Montagu & Company (Holdings) is raising a £35m medium-term loan to finance fixed assets as part of the group's reorganisation.

C & W head 'must be British'

By Our Financial Staff  
Cable and Wireless is changing its articles of association to include a requirement that the chief executive of the group be a British citizen. The requirement will be protected by making it subject to Governmental veto.

Banks welcome Alfonsin

By Our Banking Correspondent  
The new Argentine Government may try to press for easier terms on new loans and refinancing of existing debts, bankers in London said yesterday.

However, the victory of the Radical presidential candidate Senator Raul Alfonsin in the country's elections is not expected to lead to any dramatic changes in the country's attitude to its \$40 billion of external debts.

Although bankers gave a qualified welcome to the election result, there is still some concern over the latest proposals for release of the first \$500m tranche of a \$1.5 billion medium-term loan to Argentina.

Mettoy said it had suffered losses "which have ultimately forced the directors to conclude that it could no longer continue to trade with the existing debt burden".

Since 1979, when it last made a profit, it has lost more than £10m.

"We have a full order book and anticipate a healthy run up to Christmas which is traditionally a very active period. The Prudential has 42 per cent of Dragon and the Welsh Development Agency 23 per cent. Other shareholders include the Water Development Council, two investment trusts and Dragon executives."

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Amex calls for moderate drop in US currency Recovery tied to lower dollar

By Frances Williams, Economics Correspondent

A moderate drop in the dollar - now up to 50 per cent overvalued on some calculations - would help to boost world recovery, reduce inflation and ease the problems of debt-ridden developing countries, according to an analysis published yesterday in the October issue of *Amex Bank Review*.

But too sharp a fall would risk rekindling inflation in the United States, prompting a rise in interest rates and perhaps an early return to recession, which would quickly swamp the short-term benefits of a lower dollar, the *Review* says.

The longer the dollar remains strong on world currency markets, the greater the risk that the decline will be precipitate, the Amex economists say. But though economic fundamentals - the deteriorating trade balance and rising inflation - increasingly point to a weaker dollar, it remains underpinned by high US interest rates and political risks elsewhere.

"The timing of any decline continues to be very uncertain," the *Review* admits. The Amex economists identify three main benefits of a moderate fall (say, 15 to 20 per cent) in the dollar.

First, it would enable European countries and Japan to cut interest rates without risking

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT

ISSUE on a yield basis of £100,000,000 LOAN STOCK 2003 payable as to £30 per cent on application and as to the balance by April 26, 1984 with interest payable half yearly on May 9 and November 9

- Baring Brothers & Co., Limited  
Hambros Bank Limited  
Kleinwort, Benson Limited  
Morgan Grenfell & Co. Limited  
J. Henry Schroder Wagg & Co. Limited  
Hill Samuel & Co. Limited  
Lazard Brothers & Co. Limited  
N.M. Rothschild & Sons Limited  
S.G. Warburg & Co. Ltd.



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APPOINTMENTS

US post for Gillette chairman

Gillette Industries: Mr R. H. Burton will retire as chairman on January 1 when he will become deputy to the chairman of the parent, Gillette Company, Boston.

Baker & McKenzie: Mr Anthony Davies has been appointed to the partnership, R. Robert Rice, recently resident in Baker & McKenzie Hongkong and Singapore, has now returned to the London partnership.

Location of Industry Bureau: Mr du Parc Braham has joined the board.

Stockdale Filtration Systems and Fluid Systems Europe BV: Mr Geoffrey Sneddon has become managing director of both companies.

Scott Paper International: Mr Raymond Dinkin has been appointed vice president - Continental Europe.

MCP Electronics: Mr Ronald Adams has been promoted to managing director.

Thorn EMI Dynastek: Mr Donald Billington becomes technical director, while Mr Colin Richards has been promoted to financial director.

Prutec: Dr John Ballard has been made a technical business manager.

SE Tietz & Partners: Mr R. S. Narayanan has been made a partner.

Highgate Optical & Industrial: Mr John Tozer, a director, has been elected chairman.

St James's Corporate Communications: Mr Simon Culham is now chief executive. Mr Peter Frost, has been appointed executive deputy chairman.

Mr Robert and Mr John Ellwood, have become directors of the agency and Mr Roy Bennett, Miss Diane Johnson and Mr Derek Prebble have been made associate directors. Mr John Castle, the chief executive of Lopex, has been appointed non-executive chairman of St James's following the retirement from full-time executive duties of Mr Harry Bengough. Mr Bengough will retain his connexion with St James's as a consultant.

Alexander Howden Group: Mr R. M. Page is now a director.

Bain Davies Credit: Mr Dugald Graham-Campbell has been appointed a director.

Charterhouse Petroleum: Mr Tim Egar, MP, joins the board.

Marketing and advertising: Torin Douglas reports on the boom in PR

The poor relation improves its public image



Harold Burson (above): "Brand managers have discovered public relations as a support tool". Qualcast's advertisement (right) was the result of this PR support.



The public relations industry has traditionally done a pretty poor job on itself for a business whose job is to ensure its clients are seen in the best light. The industry attracts few plaudits, many brickbats, is sneered at by many journalists and is looked down on as the poor relation of the big-budget advertising world.

Yet there are signs, particularly within the marketing business, that public relations is being taken more seriously as a management function that can have a beneficial impact on the balance sheet.

This is true not just in Britain where in the last five or six years a number of highly marketing-oriented public relations companies have been set up, but in other parts of the world.

Mr Harold Burson, chairman and chief executive officer of Burson-Marsteller, the world's largest consumer marketing public relations company says: "Something rather remarkable has happened in the last five or ten years. Brand managers have discovered public relations as a support tool which had not been recognized before. There is a clearer focus on how to use publicity and a willingness to commit larger sums of money to accomplish objectives."

Mr Burson, who set up his company 30 years ago, has been in London discussing the state of the public relations business. London is the group's third largest office, after New York and Chicago, and accounts for about 45 per cent of the company's business in Europe.

"One of the reasons for the increasing use of public relations in marketing management is the high cost of delivering television messages, which means that it is becoming more important to maximize the effectiveness of those messages in additional ways," he says.

"Another is simply the tyranny of the 30-second commercial, which severely limits the message one can put across at a time when the consumer has an ever greater hunger for information about products - the ingredients, new forms of usage and so on.

"We in public relations are able to extend the scope of the messages, not just to the consumer, but to regulatory bodies, schools, the medical profession and other more narrowly-segmented audiences."

Public relations, Mr Burson, emphasises is not a replacement for media advertising. "Public relations cannot provide the frequency to keep a major brand in front of the public and unless we recognize that we are a support tool we are fooling ourselves," he says. We can nevertheless enable an advertiser to get more from his media expenditure by giving him more credibility and recognition and by reaching specific groups of people.

Such an argument may not seem surprising, given that Burson-Marsteller has always had an advertising agency arm and that it is now a subsidiary of Young & Rubicam America's biggest advertising agency.

Many of the biggest public relations companies, both in Britain and worldwide, are owned by advertising agencies, but even those that are not, work closely with their clients' advertising staff.

A good example is the case of Qualcast, the lawnmower manufacturer which has been locked in the "hover bover" war with rival Flymo for three years.

It was the commercials by the advertising agency Wight Collins Rutherford Scott that formed the spearhead of Qualcast's campaign to show that its rival's rotary hover mowers

were not as convenient as they seemed, but it was the public relations company, Biss Lancaster, that ensured that the press covered the row. When it organized a challenge match between the two mower companies this year, the resultant press cuttings formed the basis for a new advertisement.

Biss Lancaster claims it is unusual in that its directors come from the client side of marketing and advertising rather than journalism and that this makes it better able to understand a client's needs.

Managing partner Ms Adele Biss was a Unilever brand manager and head of communications at Thomson Travel, while Mr Graham Lancaster was previously head of public affairs at the Association of British Travel Agents.

Ms Biss echoes Mr Burson's views on the ability of public relations to reach more narrowly-defined audiences than advertising. In the case of Qualcast, for example, it ensured that the gardening press was fully informed of the

research that had gone into its performance claims. "Narrowcasting is becoming more and more important and the growth of local radio and local freebies enables us to get a lot more mileage for our clients", she says.

Radio is a particularly useful channel for newspapers and magazines which want to get publicity for their stories, but it requires a great deal of time and planning. One of the signs of the growing acceptance of public relations within journalism is the fact that Fleet Street is using consultants more heavily and consistently than before.

Biss Lancaster works for Express Newspapers. Times Newspapers uses Grand Communications - the sister company of its advertising agency, Grandfield Rork Collins - and Associated Newspapers has employed Communications Strategy on the Mail on Sunday since the pre-launch planning stage.

Mr Bruce Clark, chairman of Communications Strategy says: "We now have someone who sits in the Mail on Sunday's office on Saturday night who will get onto the other press or local radio with stories from the paper, in order to promote it to the customer."

"We work very closely with the editorial department, but we also work on all other aspects of the marketing of the paper, such as promoting it to advertisers and the wholesalers and retailers."

The Mail on Sunday, however, does provide an example of the problems a public relations consultancy can face when its client is going through a bad patch. In the weeks after the paper's launch, when things clearly were not going well, Communications Strategy had to put the best possible face on the situation. It was still doing so the day before the departure of the original editor, after which its client was finally prepared to admit things had gone wrong.

"It was a very difficult situation, but one of those things that we have got to live with," Mr Clark says. "Experienced journalists know that if you are being paid to project the best possible face for a company you will do just that, but you must be truthful. If you lose your credibility, you are dead."

Credibility is a critical issue for public relations companies not least because the end product of their labours is often seen as being more independent - and hence more valuable to the client - than an advertisement, because it is in the form of editorial.

Public relations, like advertising, has survived the recession in remarkably good shape avoiding the fate of an optional extra overhead. "In earlier recessions, both public relations and advertising were hit hard, but this time public relations consultancies generally do not seem to have been affected," Mr Burson says.

The public relations business in Britain is certainly growing. The Public Relations Consultants Association reports that its members' fee income has almost trebled in three years and a survey of 10 large consultancies has recorded that business was booming with total expenditure likely to approach £100m this year.

So far only one company - Good Relations - is publicly quoted and it has now made the transition from the Unlisted Securities Market to the Stock Exchange, but it is unlikely that the USM will remain for long without any public relations companies in its ranks. About five of the larger consultancies are now considering taking the plunge.

Whitehall notebook How Britain fudged its oil prediction

Britain is now producing oil from the North Sea at the rate of 2.4 million barrels a day, the highest level yet achieved.

By a neat coincidence, news of this latest milestone emerged a few days ago at the same time as ministers from the Organization of Petroleum Exporting Countries were holding a meeting of their market monitoring committee, and addressing themselves to the familiar problem of how to share out among themselves the stubbornly modest world demand for their oil.

What happens in the North Sea and what happens at Opec are directly related, as everybody is now aware. Rising oil production from Britain and other non-Opec producers such as Norway and Mexico has been one of the most important factors behind Opec's persistent difficulties in shoring up the oil price against market pressures for a fall.

The diplomatic tightrope that Mr Nigel Lawson, then Britain's Secretary of State for Energy, had to walk during last year's marathon Opec meeting in London demonstrated that Britain could not wash its hands of the oil price business, much as it might have liked.

What is interesting about the latest oil production figures is that they mean that Britain's North Sea output this year will probably average just under 2.5 million barrels a day, as opposed to just under 2.1 million barrels a day last year. This increase - of some 10 per cent - compares with Mr Lawson's assurances to Opec in March that North Sea output was expected to be "about the same" this year as last.

At the time, the assurances raised some eyebrows in the industry, not least at the British National Oil Corporation, which was providing MPs with its own predictions of future North Sea output, showing all too accurately the rise in production that has now occurred.

Now the assurance can be more clearly seen as the kind of diplomatic "fudge" that Mr Lawson had little choice but to make, as he cast round for some to give the Opec ministers as they camped on his doorstep - and pleaded for

Britain to join in their efforts to fix price and production levels.

Though they made much of these assurances at the time, it must be doubtful whether Sheikh Ahmed Zaki Yamani and the other Opec ministers really believed that Britain was going to abandon its established policy.

A recent speech by Mr Richard Lawson, Minister of State at the Foreign Office, on Britain's policy towards Opec reiterated the official line that the Government has no wish or power to restrain production, at least until the assumed Varley assurances ran out at the end of next year. Mr Eric Varley, when Labour's Energy Secretary, promised the oil companies that he would not force them to cut production on the early fields.

Now that he is installed as Chancellor, Mr Lawson is unlikely to want to resist the domestic financial pressures to keep the North Sea revenues running at the maximum possible level through the middle of the 1990s.

By 1987, North Sea oil output will be starting to decline, and the Government is already aware of the urgency of encouraging new developments to replace the lost production. As Mr Martin Lovegrove, the respected North Sea consultant, pointed out in a recent book, "It now looks as though government-imposed production cutbacks for depletion reasons are a dead letter."

This raises the question of what, if anything, the British Government can offer Opec the next time there is an oil price crisis, and it is called upon to do something to assist in maintaining "oil price stability".

Mr Luce emphasized the need for bilateral contacts with Opec members to "keep in touch on important economic and political questions".

Ministers have clearly learnt valuable lessons from their March experience, but whether this has developed into a meaningful policy - other than fudging and muddling in the hope that the crisis will blow over - is something that has not yet become apparent.

Jonathan Davis

Table with multiple columns containing financial data, including 'Authorized Units & Insurance Funds' and various company names and figures.



# Comdex struggle to link exporters to the buyers Battle of the 'marriage' brokers

THE WEEK Maggie McLening

Quality and not quantity was the watchword on enquiries at this year's Comdex/Europe '83 exhibition, the second to be held in Amsterdam for Independent Sales Organisations.

Last year's event was deemed a success by many of the disappointed exhibitors, who walked in vain for European retailers, distributors and export managers to turn up in force, and the situation had not noticeably improved.

Finding suitable retail outlets in foreign countries is one of the main stumbling blocks for both hardware and software companies anxious to export their products. An international trade show such as Comdex is one of the few 'marriage bureaux' open to them; the only problem arising is in persuading the right visitors to attend.

Despite a successful advertising campaign, Comdex/Europe '83 attracted only fractionally more people than last year, with attendance estimated at around

3,000 by the end of the second day.

There appeared to be a consensus of opinion among the 220 exhibitors, particularly those with unhappy memories of last year, to maintain a presence at minimal cost. This resulted in some cupboard-like stands and in software companies such as Peachtree spreading their products across several other exhibitors' pitches. Nevertheless, there were some interesting new products and companies at the show.

One of the chief attractions was Hewlett Packard's answer to the IBM Personal Computer, the HP 150, internally code-named "Magic". The HP 150 has a unique touch sensitive screen-based on a grid of light emitting diodes, which provides Comdex visitors with such novelties as teaching

a tab label on the screen to make the HP personal card file program show a particular card.

Two other machines on public display for the first time at Comdex were CASIO's FP-200 portable, with liquid crystal display and built-in CETL spreadsheet application software, and ICL's new version of the PERQ scientific workstation.

The upgraded PERQ has a larger internal memory of 2 megabytes, with the option of 35 megabyte hard discs instead of the previous 24 megabyte version, and has acquired a more distinctive streamlined shape. ICL is currently looking for dealers for the machine, intending to build up a 30-strong network in Holland, and managed to sell two of the new PERQs on the first day.

One of the few companies to

have a large stand at the show, ICL had had "very good experiences and signed up interesting new contacts" at last year's Comdex, according to Mr H. A. Van Der Veg of ICL's European division.

This year he considered to be even better, claiming that ICL's first colour video system (as yet unofficially launched in the UK) was attracting considerable attention. The colour video terminal is due to become a standard product, costing about £1,200.

Personal and small business computer manufacturers were out in force, including a contingent from the growing number of IBM-compatible suppliers. Corona Data Systems, which recently launched its portable and desk-top Corona PCs in the UK through distributor Midletron, gave the



Kees Boer... answering.

machines their first European airing, and Bytec Gelfstream made a flurry of announcements about the 16-bit Hyperion portable.

The chief of these was a 14 per cent price cut due to full production coming on stream and the bundling of relational database system Aladin, bringing the price of the Hyperion down to £2,599 including the software. Comdex also marked the entry of Bytec Gelfstream into Europe as a single entity, after a takeover earlier this year.

Another recently-formed British company launching in Europe is Trifid Software, an offshoot of American Can UK. Trifid Software is one of the few companies to specialise in applications based on the PICK operating system, which is steadily gaining in popularity.

"Initially we intend to concentrate on financial, distribution and manufacturing software," said managing director Rennie Akins. "The vast majority of manufacturing systems on the market don't work,

but we use the Trifid MCS+ package ourselves, having developed it over six years, so we guarantee that it works."

Manufacturing software is an expanding area, predicted to grow by about 30% a year, and Trifid is looking for distributors in several European countries. As a start, it has sold a £60,000 system to a multi-national organisation based in Holland, which intends to expand use of the package to two other countries.

Despite the strong current taking UK and US products into Europe, there is a small movement the other way. Perhaps one of the most successful Dutch companies in the UK so far, Holland Automation, announced the introduction of hot-line telephone support for end-users of its HAI software packages.

Another Dutch company anxious to crack the UK market is DMS Automation in Utrecht, which offers a mixture of application and system software, including an advanced voice response system called Boektel.

Boektel was developed by DMS's sister company Comsys in conjunction with Central Boekhuis, and acts as an answering service for a computer holding a stock control system. A customer dials into the computer and questions or orders are answered by a human voice.

"No-one else in Holland has anything like this, although it has been installed in the UK as a car parts ordering system," claimed Kees Boer, head of Systems Development Division at DMS Automation.

# Medium-rare on the printout

COMPUTER BRIEFING

A chain of restaurants in which the waiters, cooks and cashiers all communicate over a computer network is being set up by Joshua Tettey & Son, the Leeds brewers.

Following experience with a prototype in Leeds, Tetteys have adopted the Plantime Fermanco computerized system, which is now also operating in Sheffield, Derby and Nottingham.

The waiter or waitress keys in a customer's order on a Fermanco terminal in the restaurant, and the information is transmitted to a printer in the kitchen. When the order is ready, the kitchen signals back to the restaurant, and at the end of the meal the terminal produces an itemised bill.

Further systems have been ordered by Tetteys for restaurants in Manchester and Birmingham, and plans are well advanced to extend the computerized restaurants to other developments.

A computer in an airship sounds like an anachronism, but Ferranti is to supply a computer-controlled display system for Airship Industries' third Skyship 500.

It will be used for aerial advertising in the USA by the Golden Nugget hotel and casino group, and a desktop computer in the Skyship's cabin will control the two huge displays which will be mounted on each side of the airship. These will be made up of over 100,000 light-emitting diodes (LEDs), and the computer will allow the operators to choose simple animated graphics or rows of letters, both in colour.

A comprehensive CP/M software directory, listing over 2000 applications packages, will be available from mid-November. Although it is the third year for the directory, it is the first time it has been distributed in Europe, where, for £15, it will be sold from Digital Research distributors.

Yet another technology based factory is to be set up in the Irish

Republic. American memory storage producer System Industries is establishing an IR£3 million subsidiary near Dublin airport to manufacture disc and tape controllers.

It hopes to employ about one hundred staff within two years of start-up, and will join the existing 250 plants involved in electronics manufacturing that are already operating in Eire.

## UK events

Computertown UK, Nalaea Library, Avon, until November 18  
Software Expo, Wembley Conference Centre, London, November 8-10

Home Computer Exhibition, Dublin, November 9-13  
Personal Computer & Leisure Technology Exhibition, Homestead, Bristol Exhibition Centre, November 11-13

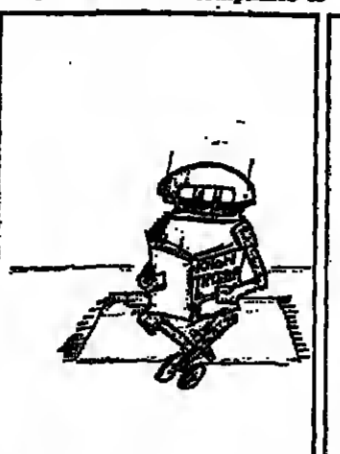
Malvern Micro Fair, Malvern Winter Gardens, Worcs, November 12  
Manchester Apple Village, Belle Vue, Manchester, November 13-15

COMPEC, London, Olympia, November 15-18  
Computer Aided Design for the Building Professional, RIBA, 65 Portland Place, London W1, November 15-18

Overseas events  
Gulf Computer Exhibition, Dubai, November 21-24  
Computer Indonesia, Jakarta, November 22-25  
Computer Dealers Exhibition, Las Vegas, USA, November 28-December 2

Compiled by Personal Computer News

## ASOB



# Fun in graphics at £2,000 a second

By Keith Mason

Walt Disney, a man who had such an imaginative genius for animation is, by now, likely to be rotting in his grave at the thought of a possible computer takeover of the art form which he helped to make so popular.

Although computer graphics in the form of computer-aided design systems have been around for a decade or more, it is only in the past couple of years that people have realised the enormous potential computers have in aiding designers with life-like graphics and animation.

Computer-generated wire-frame drawings for engineers, for instance, although they have a certain aesthetic appeal, are decidedly old-hat. There is no

graphics or animation in the title sequence - Angels, The Mooney Programme, Newsnight and Bergerac among them.

The Channel 4 logo owes its existence to a computer and is a monument to the current state of the art. When the thing rotates, apparently all the shadows and reflections are where they would naturally be - so watch closely next time.

Not everything is perfect from the beginning. Initial tests on the Channel 4 logo disintegration sequence saw one missing piece mysteriously trying to join the logo while the rest broke up. A further graphic commissioned for a darts programme on TV was intended to demonstrate a maximum 180 but initially showed that the third dart had missed when viewed from behind. Still, it just proves you can't win them all first time round.

Advertising agencies, too, have been keen to cash in on the special effects that can be achieved with computer graphics and animation and judging by the stunning achievements it would seem that dear old Walt's domain will not be able to hold out much longer. Already it is rumoured that the Americans are working on computer-generated 3D cartoons which will be on television in a few years.

There are, however, drawbacks associated with the possible future development of computer animation, the most important being the cost. Computer graphics are hideously expensive to produce, with anything commercially decent costing in the region of £2,000 per second which consists of 24 35mm slides. So, at the moment, only those with extremely deep pockets and relatively high advertising or research budgets can afford to experiment.



reason why they should not have flesh on the bones as well.

John Vince of Middlesex Polytechnic, who has been plugging away since the late 1960s developing a suite of software programs called Picasso designed to take the drudgery out of graphic design and animation on computers, confirmed that in the last couple of years, development of computer graphics has been particularly rapid reaching a point of sophistication which has finally made the outside world sit up and take notice.

Perhaps not surprisingly television companies were among the first to jump on the bandwagon. Hardly a TV programme goes by these days without some form of computer

# Time for new thinking at the bureaux

Computer bureaux, whose death has been prematurely announced for the last two years, will have to rethink and recruit a wide variety of new staff in order to avoid a slow death in the market.

The rationale behind the success of bureaux has long passed for all but the specialist. They were founded on the principle that computer time and storage was expensive while there were more users than time available.

The bureaux therefore bought a big expensive machine and split its use between a host of customers. At first the customers had to send their data to

existence will now claim that it is a computer service company, offering a range of services from the traditional time on a big machine, through applications development to complete systems implementation.

All these new aspects of the job mean new skills. Software development will have to be grafted on to the software support function if specialised users are to be enticed and kept in the fold.

Technological evaluation will have to be done by someone within the company if the bureau is to branch out and offer its own special software running on someone else's hardware.

The marketing operating will have to be strengthened to include technicians who can talk to the customer in their own language so that the specialist market niche can be addressed in its own terms.

Bureaux are going to find it difficult to find these new talents. They will have to fight among themselves for the best talent and also do battle with every other computer services company, none of which will lie down and let the reformed bureaux walk away with either its talent or its market.

Clearly not all of the bureaux can make the transition. Those that do not have plans to shift their position will die sooner rather than later, given the speed with which the personal computer market is eating away at the installed base of terminals sitting on executives' desks.

Many of them need not die, however, given the talent of their employees and the potential in the computer services market.

## JOB SCENE

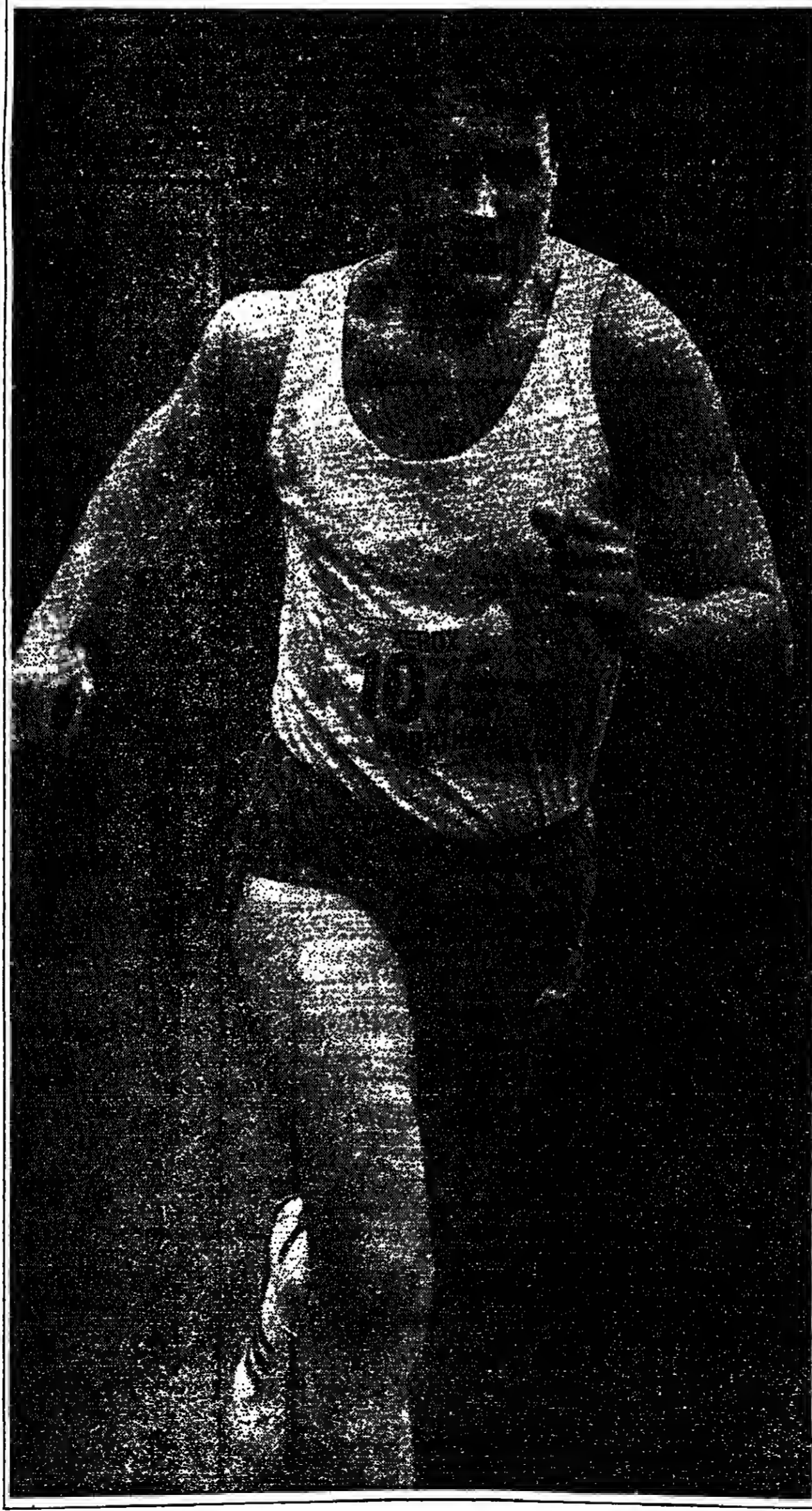
Richard Sharpe

the bureaux for processing but lately the customer could simply dial from a supplied terminal and activate the programme or log on for a session.

The falling cost of computer power and the advent of the microcomputer are now killing that simple business. Bureaux which have not developed a specialised niche are dying faster than those that have because there is still a demand for extraordinary power and services for financial applications and engineering users.

The old-style bureaux need salesmen to sell them computer time, a handful of operations staff to keep the whole thing running, and a few software support staff to supervise the development of the operating system and customers' software. Virtually every bureau still in

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# Flying the flag for British knowledge

It was the seventh floor, and the builders were in. Nigel Vince, manager of ICL's Knowledge Engineering Group, apologized for the untidiness, but his heart was not in it. He knew that, almost without exception, workers in the field seem to spend their days in a litter of paper, books, journals, and electronics - and that this is role-playing.

It is, it must be said, no more obsessive than the usual senior management passion for hierarchy, order, and tidiness - and there is plenty of that too in ICL. The really knowledgeable, and sensible, senior executive understands full well that for many of those in the AI community, the disapproved-of behaviour is a badge of office, and he quietly shuts the door and lets them get on with it, monitoring performance according to whatever criteria have been established and agreed.

For it is, I suspect, unlikely that the seventh floor will be much different when the builders are out. Knowledgeable highly skilled people can dictate their own working environment.

That is not all they can dictate. I was watching one demonstration while in the background I could hear Nigel Vince discussing a long meeting he had had with Personnel, where he had told them that for some staff he was willing to pay up to twice his own salary, and how it almost seemed to have offended some people's notions of a sense of hierarchy.

The group employs about 25, but can also call on as many more professionals in other parts of the company, particularly in those software parts concerned with decision support. It has a wide mix of skills, including a couple of cognitive psychologists, and the types of people he is looking for are to be found among those who have built simulators and models, people who have expertise in extracting knowledge from a situation, who can then be

complex database systems to which have been added intelligent searching, analysis and correlation software tools, through to systems in the full AI professional expert systems tradition, indeed extending it. It may seem surprising after all the publicity, but most of the expert systems so far built have been really simple systems. The best expert systems contain knowledge about knowledge, and there are hardly any of those which go to any level of complexity.

All this can lead into very deep territory. For instance, the consideration of a field of expertise can involve a study of the quality of the knowledge within it, as well as the validity of the tools for measuring it. This is particularly true in areas where the parties considering a body of "knowledge" may have, quite validly as they see it, different perspectives on it.

The group has built a number of "demonstrators" and the first products are internal; they seek to add to their own tools (the route that is also being followed by the Japanese) and to the tools that ICL can wield. This is, of course, a good route, for it does mean that the expertise one seeks to replicate or improve is already in house. So they have built DRAGON, 700 rules in 6000 lines of code which took six major rewrites and is now under pilot trials: a system to enable ICL to size customers mainframe requirements. They are also developing a design rule system for PC board layout, which will bring component positioning, which can sometimes be of quite fearsome complexity, subject to rule, particularly to avoid cross component electrical and other interference.

"We won't," says Vince "be producing a general product for the external market for about a year." The indications are that the product will be one can pick up and use immediately, but they give signs of knowing what it will be.

But the group is really an R & D group, and is involved naturally enough in such areas as Datalog machine and PROLOG language research. Which takes them further and further back into, and linking with, academic research.

The problem that faces ICL as it faces all other large computer manufacturers is that the technology time window gets shorter all the time. All the time, the stakes are being raised, so a company has to become collectively cleverer and cleverer. After all the Japanese are doing it.

And in case you are not clever enough? Out of the window of that same seventh floor can be seen the small building of Fujitsu's VLSI business office, down in ICL's grounds. Outside are three flagpoles, flying the British, Japanese and Fujitsu flags.

It could be that if they do not all get it right, those flags might eventually fly over the main buildings.

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## People/Joseph Mathias of Sperry



### Keeping an eye on the cracks

By Roger Woolough

The world of Dr Joseph Mathias is one of microelectronics and gigabytes. He heads the research activities of Sperry Corporation's Computer Systems Division in Blue Bell, Pennsylvania, and it is the future of computing which absorbs his time.

With a distinguished research career behind him, he modestly describes his present activities as coordination. "I see that things are not falling through the cracks," he says.

Mathias was born in India and graduated from the University of Bombay. He went to the States in 1947 with no intention of staying, but has been there ever since.

"The idea was to get a degree on the West Coast and a degree on the East Coast, and then go home," he recalls. The degrees were acquired, but he then met a fellow Indian who persuaded him there was no point in going back to India. "You are not going to use anything you have learned," he was told.

Mathias has been with Sperry for 24 years, always on the research side. He believes it is not very difficult to know the basis of computer systems five years from now, but attaining the goals is increasingly difficult and expensive.

The Computer Systems Group at Sperry has an R & D budget of \$475 million, and spends some of it on joint research efforts, which Mathias helps to oversee.

One of these is the Microelec-

tronics & Computer Technology Company (MCC), a consortium which includes all the major computer companies in the United States except IBM. Although no firm programme has yet been agreed, it is expected to study artificial intelligence, pattern recognition, and parallel processing.

Mathias is also involved with Sperry's joint efforts with Magnetic Peripherals Inc on mass storage devices, with Mitsubishi of Japan, and with Gene Amdahl's company Trilogy, which plans to pack computer circuits far more densely using wafer-scale integration ("we will find out pretty soon how well it works").

What does Joe Mathias see as the next steps in computing? "Future systems will be smaller, faster and cheaper, more reliable easier to use," he sums up. "Artificial intelligence and knowledge-based systems will begin to gain a foothold in the next decade."

This does not mean a total upheaval in computer technology. He believes that present-day system architectures - the sequential Von Neumann model used by all general-purpose computers so far - will not be replaced in the near future. But for the end-user, changes will be dramatic enough.

"In the next 10 years," Mathias predicts, "it will become possible to ask the computer an intelligent question in a normal speech process, and have a response, either by voice or by a picture."

# Oh! How slow this loading can be...



duces could, if the two were made compatible, be used with either function.

It will come, but I suspect we will have to wait until well into next year, and then only for the more sophisticated home machines with the memory to handle the job.

For the moment, we just have to sit back and watch the cavortings of the software jungle with amazement. There is no room here for comprehensive software reviews, but I cannot resist a few observations about the state of the market now opening up to the home user.

As I have already noted in previous issues, we are on the one hand constantly exhorted to pay ludicrous prices from some of the large established software houses and computer manufacturers for what are in reality toned down business programs aimed originally at the specialist user.

On the other hand, there seems to be a plethora of ingenious amateurs around who are capable of turning their minds to the same sort of problems and, on occasion, coming up with interesting answers at more realistic prices.

Two fine examples of the lunatic pricing now prevalent came across my desk recently. Simon's Basic is a very handy cartridge written for Commodore which turns their 64 machine into something which, with a little work, the average home user can begin to understand.

All of which would be fine were it not for the fact that the 64 is so gnomic in its habits to begin with because Commodore chose to make it so, largely through its complex version of standard Basic and a fimsy manual which would scarcely do justice to a Sony Walkman.

The price for turning one's machine into the kind of thing it should have been when one first bought it is £50. Is there any wonder Commodore, like so many manufacturers, have now made a policy decision that their future profits are likely to come from software sales?

Around the same time I received a demo disk from one small independent house, Dialog Software (19 Shorts Gardens, London WC2H 9AT) which demonstrated that one does not need to pay the earth for rudimentary software. Dialog's instruction leaflets are woefully inadequate and would probably deter the most amateur user.

After much persistence, however, I discovered that a couple of programs represented real value for money once mastered.

to pay for the saving in loading time.

The chief difficulty with the system lies in the fact that home computers usually possess only one cartridge slot. So each time you wish to change an application you have to yank one cartridge out of the back of the machine and bang in another.

This is a shockingly physical process, and I, for one, remain unconvinced that most computers are built to take much in the way of manual wear and tear.

Tales of broken cartridge connections abound.

### HOME USER

#### David Hewson

is considerable. A decent computer should have run to the expense of gold connections which are unlikely to wear out. But most cartridges will make do with silver which could pack in after a year of constant manipulation.

One solution is a device called a ROM board. This plugs into the cartridge slot and sports an array of slots of its own. Your cartridges slip onto these and you switch between the ones you want. It's fine if you want your study to look like the control room of the Tardis.

But the real solution will not come until someone puts related software programs into the one cartridge with some means of switching between them on screen. In this way one could have, for instance, a word processing system and an information filing and retrieval network side by side in the same cartridge.

Not only could you switch instantly between one form of program and the other, but the information which each pro-

cessing program takes around a minute to load. That may not seem long to anyone without a computer. For those of us drumming our fingers on a mute keyboard, fired by the impatience which is an integral part of being a home computer owner, it seems an eternity.

The solution, and it is one which is becoming available for more software programs each week, is the cartridge. This is a plastic box which plugs in the back of the machine and inserts precisely the same program which you might find on tape or disk the instant you switch on.

Sheer bias in principle, yes. Cartridges are a little more expensive than their rival media, since they cost more to manufacture, but that is a price which most people are willing

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# A new wind of change blowing from Belgium

If not the force that launched a thousand chips, Vector International can at least claim to have projected some of the most significant software names into Europe, writes Maggie McLain.

Although most people in the micro-world have heard of Digital Research, Microsoft and Micro Focus, the Belgian company behind their European success has remained something of an unknown quantity, a situation likely to change in the near future.

Vector International is one of a new breed of companies whose services will be increasingly in demand as the software market expands worldwide. There is a growing realisation among software houses of the need for translation services, not only to provide manuals and other documentation in foreign languages, but also to adapt programs to fit the conventions of different countries and to supply them in disk formats to suit a range of alternative computers.

Vector, originally set up in 1977 as a systems house, specialises in all of these areas, offering translation to fit almost any required format, building its own hardware to achieve this.

Just over a year ago, however, Vector faced the worst crisis in its short history: the loss of Digital Research as a client, when DRI products formed 50% of Vector's business. Until then, coupled with a knack for talent-spotting, appeared to have set Vector on a sure-fire path to success.

In 1979 one of the company's founders, Jim Porak, was killing time in Albuquerqu before his wedding in the afternoon, when he wandered into the offices of a small software outfit called microsoft. Six months later, he persuaded Microsoft to sign away exclusive European distribution rights to Vector, and Microsoft's products became the top-selling programming languages for microcomputers in the UK.

Shortly afterwards, Microsoft introduced Digital Research (then a friend) to Vector asking whether Vector would be interested in distributing a little-known operating system for 8-bit micros, (which shortly became the world-standard) called CP/M.

"I wish the situation had stayed the way it was, the subsequent emergence of Microsoft as an operating system company and Digital Research



Gabor Weiner... "I wish the situation had stayed the way it was... now we have incompatible equipment on the market".

as a language company was detrimental for the microcomputer industry," said Gabor Weiner, managing director of Vector International NV. "Some might say it was unhealthy but nevertheless it now means that we have incompatible equipment in the market."

After an uncomfortable six months of working for both companies Vector was forced to choose between them and bade farewell to Microsoft, because DRI appeared to be the better long-term prospect.

It was therefore a bitter blow when DRI announced in mid-1982 that it intended to go direct to the European market, and would withdraw distribution rights to all of its products by the end of this year.

Ironically, this move, which was to destroy half of Vector's business was made because Vector had trebled the targets set by DRI for European sales, according to Weiner.

Capitalising on the contacts made through handling distribution for Digital Research Vector concentrated on building up a comprehensive range of software packages for supplying to OEMs, Micro Focus is still a client, and Vector added business productivity packages from Chang Laboratories in the US and Hands-On training courses from Windsor-based Micro Cal.

Yet another chance meeting, however, led to the addition of a database.

While negotiating a deal for Chang Laboratories, Mr Weiner heard about an information handling system called Everyman, developed by a British company called Smallway. The result was a worldwide launch for on-line database Everyman, which has the unusual feature of building applications from graphics rather than with a language, and a joint expansion programme for Vector and Smallway, starting with the setting up of a UK office in Kingston-upon-Thames, Surrey.

Vector also intends to establish a US operation by the end of this year, and offices in France and Germany in early 1984.

Surprisingly, despite the loss of Microsoft's business and partial withdrawal by Digital Research, Vector has managed to maintain a turnover in excess of £2.5 million, with profits of £30,000.

This has largely been achieved by the hardware interests of the company.

## Clive Cookson looks at the exploding computer publishing scene

# Fall in for the Fifth Generation

Books about computers, and particularly about micros, are the fastest growing field of publishing. The output far exceeds our ability to provide even a limited reviewing service.

This article is intended to provide no more than a brief sketch of some of the publications that have been sent to us recently, as a somewhat arbitrary sample of this year's crop.

The computer book of 1983, in terms of public attention, is certain to be The Fifth Generation by Edward Feigenbaum and Pamela McCorduck, which Michael Joseph publishes in Britain next week at £9.95. This passionate appeal for America to mobilise its resources in competition with Japan's Fifth Generation Computer project has already achieved immense publicity in the United States since its publication there five months ago.

The UK edition of The Fifth Generation is identical to the US original. The only addition is a rave by Clive Sinclair on the dust-jacket. "... essential reading for anyone concerned with computers in Britain. Personally I was inspired by it to try to stimulate all I could in this country to prove the authors' pessimism unfounded". Nothing has been done to update the book or moderate its rather offensive American-chauvinist tone.

Some of the lines in The Fifth Generation, like "We need some new American heroes," sound absurd if you substitute the word "British" for "American" and imagine the book written by UK authors.

Feigenbaum (Professor of Computer Science at Stanford University and a founding father of artificial intelligence) and McCorduck (a science writer) are disturbingly willing to enlist the cause of "national defense" in their crusade for an American Fifth Generation programme.

Part of the reason why The Fifth Generation already seems out of date is the impact it has in the United States. Since the book's publication there, the American computer industry's support for the Microelectronics Computer and Technology Corporation (MCC), a new cooperative research centre in Texas involving 13 manufacturers, has grown hearteningly.

The Pentagon has asked Congress for \$1 billion so that its Defense Advanced Research Projects Agency can sponsor the development of supercomputers and artificial intelligence on a lavish scale.

For 12 pages the book dwells depressingly on Britain's failure so far to exploit its potential expertise in artificial intelligence. "In England's tragedy there is an obvious lesson for Americans," the authors say. Although the overall analysis is



It is not only a good guide to the hardware and software but also an intelligent critique of educational computing.

Hammond argues that many schools are missing computers and that ignorance and confusion are making "code junkies" out of some teenage programmers whilst withholding vital computer assistance from others.

Although Hammond rightly expresses concern that home computing is 90 per cent a male activity, he spoils the effect by starting his book "Dad can we have a computer? If you hesitate never the answer to this question, you belong to the majority of adults."

John Maddison, the veteran communications writer and educator, takes a very wide look at the impact of new technology in Education in the Microelectronics Era (Open University Press, £4.95). He manages to cover a lot of ground without being vague or general.

Another huge category of computer books gives advice to businessmen and managers. A good starting point is Make a Success of Microcomputing in Your Business by Pannell, Jackson and Lucas (Enterprise Books, £4.95). Readers may remember that this clearly written paperback was recently the subject of a special offer in Computer Horizons.

Understanding Computer Contracts by Martin Edwards (Waterlow, £6.50) sounds much more specialised. But Edwards, a Liverpool solicitor, argues convincingly that businesses should understand the legal implications of buying a computer as thoroughly as the technical specifications and the costs. If the system breaks down, the company too often finds that its legal protection is limited or non-existent.

Publishers are responding to the fact that computer failure and fraud are topical subjects. Computer Security, a management handbook by Leonard Fine (William Heinemann, £7.50), is a concise survey of the field by an unappealing prose style.

Even the cautionary tales of computer disaster which pepper the book fail to make it readable, partly because the victims remain anonymous.

In many cases anonymity is clearly essential, but I do not see why some could not have been named.

To give an extreme example: "A medium-sized corporation making extensive use of computers was put into liquidation when its computer centre was hit by an aircraft which crashed into it. The high dependence on computerized records left the organization incapable of continuing its business activities."

A much more entertaining book on the same subject is Computer Insecurity by Adrian Norman (Chapman and Hall, £14.95). Most of the cases in his catalogue of more than 100 crimes, errors and disasters do identify the victim. However it must be said that the majority date from the 1970s rather than the 80s.

## Another pair of hands to speed the future home computer

By Alan Lewis

Have you ever marvelled at the speed of the computer you are using? If the answer is yes, then you are in for some further surprises. For new hardware is becoming available to make computers work even more quickly - sometimes 100 or 200 times faster.

The new machine is called an array processor and plugs into a computer. Array processors were invented in the late 1960s and in the early days could only be attached to the larger computers used by businesses and scientific establishments.

Now American scientists have found a way to plug them into home computers.

There are still technical problems to solve before Britain's half million home computer owners can make widespread use of array processors - and their price will be too high for most computer hobbyists for some time.

But with the pace of technological progress and the slumping cost of equipment, it cannot be long before these problems will be solved. Then the prospects for home computer users will be awesome. For fitting an array processor to a home computer would be like swapping a Tiger Moth for Concorde.

At the moment array processors are used by organizations which need to collect and process vast amounts of information very quickly and with great accuracy.

Array processors, which are attached to a "host" computer, are used in several countries to help forecast the weather. They are also used to monitor nuclear reactors, analyse seismic waves from earthquakes, and make forecasts of inflation and unemployment using computerized economic models.

The Atomic Energy Authority's laboratories in Risley, Cheshire, have ordered an FPS-

100 attached processor from Floating Point Systems, the world's leading manufacturer of these high-speed array processors. The AEA will use the attached processor in its experimental work with ultrasonic imaging, which allows scientists to "see" into the core of a fast breeder nuclear reactor. A new technique has been developed at Risley using high frequency sound that enables images of the fuel rods to be produced even when they are under the opaque liquid sodium used in the reactor as a coolant.

As Jim McKnight, head of the project, explains: "We want to be able to run the whole job at the reactor site, but we cannot afford to carry a computer large enough round the country with us. The only way to achieve the performance of the Digital 11/60 and 11/23 was to purchase an attached processor. With the extra processing power the FPS-100 will provide, the 11/23 will not give us the results of the 11/60, but produce them in a matter of minutes, rather than days."

British Aerospace, prime contractor for the construction of the European Space Agency's L-Sat 1 satellite, is using an attached processor from Floating Point Systems for modelling the satellite's behaviour in orbit.

L-Sat 1, which will have solar arrays spanning nearly 30 metres, is due to be launched in 1986 and will provide a variety of communications services. The Dynamics Group of British Aerospace is also responsible for the satellite so that its antennas always point to particular areas of the Earth, and its solar panels point to the Sun.

Clearly, the satellite's control systems' performance could not be tested while it was on the ground.

The answer was to install a FPS-114 minicomputer from Digital Equipment and an attached processor. "What we needed," says British Aerospace's John Penegally, "was number crunching capability, which the FPS-100 could give us. Although we looked at larger computers, none could match the processing power of the attached processor."

This configuration allows the satellite designers to simulate the dynamics of the satellite in space. The FPS-100 has the capacity to perform eight million floating point calculations every second.

The Joint Speech Research Unit (JSRU), based in Cheltenham, carries out research on speech signal properties and processing for government departments and other public agencies.

Successful research like this depends on reliable and appropriate computer facilities. In particular, it requires powerful processing, good graphics and interactive terminals. Consequently the unit's researchers study not only speech signal processing but also the computer methods most suitable for supporting this work.

It was decided to augment the computer facility by an array processor and the unit selected the AP-120B from Floating Point Systems.

Before the AP-120B was installed each spectral cross-section took two seconds and a complete picture took eight minutes to form. This delay was such that use of the program was minimal.

Using the AP-120B, with its own standard routines, an enormous gain in speed was

evident, reducing the time to produce a spectral cross-section in 20 milliseconds and a complete picture to five seconds.

As experience of array processing grows, the users are finding many other applications. They have also discovered another benefit. By plugging an array processor into their computer, they can get vast increase in the power of their machine for less cost than buying a bigger computer.

Exactly how array processors could be used on a home computer stretches the imagination, but they could certainly run incredibly lifelike and realistic games. They could well bring closer the day when you can talk to your computer and have it answer back.

Although ordinary computers work incredibly fast compared with humans, they are still not

fast enough to carry out really complex tasks quickly.

When you are very busy, you may complain "I've only got one pair of hands".

In that respect, the computer, which works logically by performing one task after another, is rather similar. It only has one pair of electronic hands and can only make one computation at a time.

Effectively, an array processor gives the computer more than one pair of hands. So each of its electronic circuits can be finishing one task, while it is making progress on a second and starting a third.

Multiply that by the number of circuits in an array processor and you increase the power of the computer by a hundred or more times. The array processors made by Floating Point Systems can do up to 12 million sums every second.

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FA CUP: PLUM PLAGE FOR CORINTHIAN-CASUALS, GLUM FACES AT POOLE

The cashless society can get out of the red at Bristol

By Paul Newman

Corinthian-Casuals, the standard-bearers of English amateur football, were yesterday drawn at home in Bristol City in the first round proper of the FA Cup...



The Slough crouch: and the referee gets into the act

Prize was no excuse for Dorset's day of shame

It profited not a man to sell his soul for the whole world... but for Newport? That, it transpired yesterday, was in this case it was at once crystal clear that the match was destined for trouble unless the referee took an immediate grip.

Chasing about for interviews after the game was not the cheeriest of tasks. "I would like people to remember that we were 2-0 up before it all started," Bazely said.

Chasing about for interviews after the game was not the cheeriest of tasks. "I would like people to remember that we were 2-0 up before it all started," Bazely said.

Both teams stood a match away from the first round proper, and the chance of a crack at a third or fourth division side...

Three players were sent off, all from Slough, all within a blood-rushing five minutes...

Three players were sent off, all from Slough, all within a blood-rushing five minutes...

Triumph

Pool's Ray Ames was at the centre of much of the trouble. Roger Bazely, the Poolie manager, said the Slough men were trying to provoke Ames into committing a crime worthy of a sending-off.

Charms

Instead, we have a sorry tale that tells of just how nasty football can get. Football offside the Football League has many charms...

Rugby League

Wally Lewis, the captain of Queensland and Australia, and a powerfully built stand-off half, is the prime target for Leeds as they redouble their efforts to sign top players from Australia...

Pleasures

There was a pronounced whiff of trouble in the air in the first minutes of the match. Three rugged and potentially dangerous tackles were made in this period and did not earn a booking.

Wolves go over debts deadline

A Football league deadline for Wolverhampton Wanderers in pay debt of £30,000 passed yesterday with no sign of payment.

Price ready to make his Watford debut in Sofia

Neil Price could make his first senior appearance for Watford in the UEFA Cup tie in Bulgaria tomorrow.

Draw for first round

- Aldershot v Basingstoke or Worcester. AF Leamington v Grillingham. Berkhamstead v Weymouth or Farnborough. Brighton v Maidstone...

Ominous preparation for the European champions

It was the kind of weekend that Hamburg, the European champions could manifestly have done without.

Liverpool takes over at Swansea

Doug Livermore was appointed Swansea City's caretaker manager, a week after being told that he could become one of the first casualties of the club's financial crisis.

Tapper in form for fine Chigwell side

A number of schools have enjoyed success in the first half of term including those Essex rivals, Chigwell and Forest.

Results from Europe

Table with 3 columns: Country, Team, Opponent, Result. Rows include Austria, Bulgaria, Czechoslovakia, USSR, etc.

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ATHLETICS

England get lion's share of fixtures

By Pat Butcher

The British Amateur Athletics Board, the nominal federation of United Kingdom governing bodies, seem to have conceded their right to stage international fixtures to one of their constituent members...

SQUASH RACKETS

Merciless Jahangir into semi-final

By Richard Kates

Jahangir Khan, sensing the growth of a slight rivalry, and mercifully into the greatest who has to beat the former British champion, Phil Kenyon in the world of only five points in the World Masters tournament...

Rugby League

Leeds set sights on Australia

By Keith Macklin

Wally Lewis, the captain of Queensland and Australia, and a powerfully built stand-off half, is the prime target for Leeds as they redouble their efforts to sign top players from Australia...

BASKETBALL

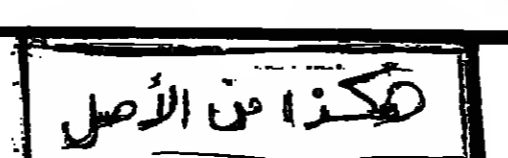
Touch of dizziness for high-riding Pirates

By Nicholas Harling

Bracknell Pirates, the first division leaders, might as well enjoy life at the top while they can. They are leading because Solent, the only unbeaten team, had played fewer games...

FOR THE RECORD

Large table with multiple columns and rows, containing sports results for American Football, Soccer, Hockey, Basketball, and other leagues. Includes team names, scores, and dates.



RACING: TREBLE TAKES PULBOROUGH STABLE PAST CENTURY AGAIN

Harwood provides the fireworks

The bonfire party was blazing early for one particular Gary at Lingfield Park yesterday. That man Harwood hit the 100-winner mark for the second successive season with his victory in the amateur hurdles race and went on to gobble up two more prizes on the seemingly endless nine-race card with Sunoak and Royal Halo.

Next year Harwood's hard-hat contemporaries may find the Pulborough factory even more relentless in its production-line approach to this normally unpredictable business. Harwood himself was not present to witness the fireworks yesterday and Geoff Lawson, his assistant, said that he was in Switzerland "examining a new machine".

Harwood's third winner, Royal Halo in the final division of the Willow Maiden Stakes, was the most impressive of the afternoon. The American-bred colt made Nadia Nerina look leaden-footed as he waltzed home six lengths ahead. A first-year runner for Mrs Doris Campbell, a retired farmer, Royal Halo cost the relatively trivial sum of \$32,000 at Kemeland, whereas Nadia Nerina had set her connections back \$1.4m.

Both the winner and the runner-up will surely go on to better things next year and the same can be said of Detroit Sam, who provided Harwood with his only serious reverse of the day when inching out the odds-on Little Look in an earlier division of the Willow Stakes. Connections were quietly confident of Detroit Sam's ability to win and backed their judgment accordingly.

Leicester, whereas Nadia Nerina had set her connections back \$1.4m. Both the winner and the runner-up will surely go on to better things next year and the same can be said of Detroit Sam, who provided Harwood with his only serious reverse of the day when inching out the odds-on Little Look in an earlier division of the Willow Stakes.

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Barry bows out on high note

Ron Barry, aged 44, jumped off the starting line yesterday in the Chester Handicap Chase at Ayr yesterday and announced his retirement. The popular Irish jockey was carried round the winners' enclosure by his colleagues to cheers from the crowd.

Barry, who rode 224 winners, has a special liking for Ayr. It was at the course on October 19, 1964 that he partnered Final Approach, for his first success. He is the first jockey to have a 200th career win on the same day. He will be launched on March 2 next year at Haydock.

John O'Neill, who broke Barry's wassers record in the 1977-78 season, said Barry will be greatly missed by all the jockeys, as is a great character. Barry's best season was 125 in 1972-73. O'Neill bettered this with 149.

Final Approach paid his way to the front three flights out to beat Rosewell River by six lengths. It could possibly run him in the Mackintosh Gold Cup at Cheltenham on Saturday week, said his trainer, Gordon Richards, said.

Robert Morley, with no stage commitments at the moment, is expected to take the chestnut to take the plectrum. The chestnut, who has a winning record with a 14-1 victory for the veteran actor in last year's Nureyev at Leicester, was also in the form of a 10-1 winner at Leicester yesterday.

Bobby Daxler, the only horse Morley carried in his training, led all the way under weight to score a 10-1 triumph in the Greyhound Handicap at Leicester. Bobby Daxler has been a good source of pleasure to me, particularly winning as he did today, said Morley, who has been an owner for many years.

Lester Piggott had two winners to Willie Carson's sole success on the 13-8 on favorite, Road To The Top, in the Wyalals Stakes.

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Warren show in doubt as he takes the board to court

The Frank Warren show at the Bloomsbury Crut Hotel tomorrow could be called off because of the sponsor's refusal to accept the British Boxing Board of Control's decision not to allow ITV to show the evening's proceedings at the same night.

The board, who allow promoters only four 'same-night' television shows (two live and two delayed), says that Warren has already had one more than his quota.

Warren said that the letter came too late for him to change his plans and that with three on three boxing in his hands in London he stands to lose a large sum of money.

One beneficiary of the struggle could be the ABA, who have an international series against East Germany on the same night as Milton Keynes. The sponsors, Wimpey, have deplored the clash of dates.

Through informal conversations in past weeks Warren appeared to have gained the impression that there would probably be no objection from the board to televising the European Flyweight championship bout between Keith Wallace and Antoine Montoya, of France. That bout had to be called off because of the death of Wallace's father, but Warren presumed that the rearranged card with John J. Gardner topping the bill in a heavyweight contest with Noel Quigley would have no trouble qualifying for television too.

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Detroit Sam proves too strong for the odds-on Little Look at Lingfield

Profession. He and another Newmarket trainer, Mick Ryan, are currently sampling the delights of carrot juice and lettuce leaves on a health farm in Hertfordshire.

On a more sober note altogether, the Jockey Club yesterday gave their answer to critics who had lambasted them for the rejection of Robert Sangster's proposed £100,000 sponsorship at York's Turfme Fair meeting next June.

John O'Neill, who broke Barry's wassers record in the 1977-78 season, said Barry will be greatly missed by all the jockeys, as is a great character. Barry's best season was 125 in 1972-73. O'Neill bettered this with 149.

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Fontwell Park

1.15 PETWORTH CHASE (Novices; £1,247; 2m 2f 11yd) (7 runners) 1. 2111 CROCKED HILL Jiffard 8-11-15 Mr C Rowley 11-10

1.45 BOXING HURDLE (Selling; £799; 2m 2f 11yd) (8 runners) 1. 0410 END OF ERA J Jockey 5-11-15 J Jockey 11-10

2.15 'NICKEL COIN' CHASE (Handicap; £2,040; 2m 2f) (9 runners) 1. 01-01 SWINDON Jockey 8-11-7 H Davies 11-10

3.00 ALEXANDER HURDLE (Div 1; 3-y-o; novices; £2,451; 2m) (9 runners) 1. ALBERT Derry 10-7 J Jockey 11-10

3.30 FALLEN LEAF HANDICAP (Handicap; £2,552; 1m 6f) (13 runners) 1. HAWKSWING A M G G G 8-8-12 J Jockey 11-10

3.45 PITCHLEY STAKES (2-y-o; £2,040; 7f) (8 runners) 1. 23412 REPUBLIC A O'Grady 5-10-15 J Jockey 11-10

3.50 GLENNON CHASE (Novices; £1,278; 2m) (9 runners) 1. 0010 LAURENTIN HURDLE (Handicap; £70; 2m) (12 runners) 1. 51-11 A Jockey 11-10

Complex exercises call for revision of the laws

Frank Edmondson, vice-president of the International Gymnastics Federation, has called for a radical revision of the laws to take into account increasingly complex exercises now being performed at top level.

No fewer than 44 perfect 10-point scores were recorded at the world championships which ended here on Sunday and, according to Mr Edmondson, the scoring system cannot deal with number of new routines unveiled at every international competition.

The Soviet Union won nine gold medals and five silver during the week-long championships and Edmondson, the individual star in Dima Belozertsev, aged 16, the youngest world all-round champion.

On Sunday he won gold in the pommel horse, rings, and high bar, plus a silver in the floor exercises to add to his individual title. "I did not count on winning four golds and silver medals," Belozertsev said later. "Everything came together here."

As if echoing Mr Edmondson's point that the rate of progress in men's gymnastics particularly is increasing faster each year, Belozertsev said he planned to change his whole routine on the pommel horse in Los Angeles next year - despite gaining 10 points each time he performed on the apparatus here.

Unfortunately Belozertsev's female counterpart, Natalia Louchenko, aged 18, was unable to challenge his status as the youngest Russian boy, though she will be many fresh routines presented in the optional competitions at the Los Angeles Olympic Games next year.

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The Bruins grin and bear it

Avr Bruins who won only three games in the British League last season have started this season with two away wins. Both came in the North-East at the weekend and both owed much to bursts of goals in the second period.

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Advertisement for Barratt World Doubles Tennis Championship, 3rd-8th January, Sixteen of the World's Greatest Doubles Players compete for \$200,000 Prize Money at London's Royal Albert Hall.

Advertisement for Leicester selections, listing names and odds for various races.

RUGBY UNION: WELSH SQUAD IS WEAKENED, NEW ZEALAND STRENGTHEN THEIRS

Retirement of two great names poses selection problems for Romania game

By David Hands, Rugby Correspondent

Wales, whose rebuilding process was developing well last season, have been dealt two considerable blows by the retirement from international rugby of Graham Price, their tight head prop, and Jeff Squire, the flanker. This weekend the Welsh selectors must choose a team to play Romania in Bucharest on November 12, an awkward assignment as France have frequently found, and suddenly they have a gaping void in the centre of their squad.

It was announced last week that, coupled with his dropping last season from the side which played Scotland, may have prompted his decision and he has kept to it even though he was recalled to the squad on Sunday after proving his fitness during Pontypool's win over Bridgend.

After 41 caps for Wales, the first of them against France in 1975, and 12 consecutive appearances for the Lions, he feels that enough is enough. Continual squad training has left its mark too so that, at the age of 31 when he could reasonably have expected another couple of years at international level, he will concentrate his remaining playing days on Pontypool. So will Squire, whose reasons for retiring after 29 caps and six Lions appearances, have to do with his developing business interests.

Squire, eight of whose Welsh caps came as No 8 rather than flanker, was 32 in September. Until recently he was the branch manager of a building society in Pontypool but he has other interests in the town, including a health and leisure club, which requires more time. He had hoped to be available for the game with Romania but that would have meant conceding too much time to rugby when his businesses demanded his presence.

All Black no-risk policy

By Iain Mackenzie



Squire: Business first

The New Zealand tour manager, Paul Mitchell, yesterday announced what is in effect a "Saturday side" for the match against the North of England at Twickenham tomorrow. There are only four changes from the team who won so convincingly at Galashiels last Saturday, and three of them could be said to represent an improvement, particularly being the scrum-half.

Reardon looks to Preston for revenge against Davis

By Sydney Friskin



Meo: nearly a champion

Although Steve Davis was delighted at being the captain of the successful England team in the State Express world championship at Reading it was not so much himself as of Tony Meo that he was thinking on Sunday night.

With Meo, Davis won the Hofmeister world doubles championship last season and is now part of the English winning team of three. "Tony is now five-sixths of a champion," he said, "with a title and not only one-third of a title to his credit. One of these days he is going to be a full champion."

As for the game itself, he said that it was on solid ground and was well-controlled, which is quite the reverse of his comments on breakfast television a week ago when he said that a somewhat critical mood had been set there were too many players and managers, too many players and too much money.

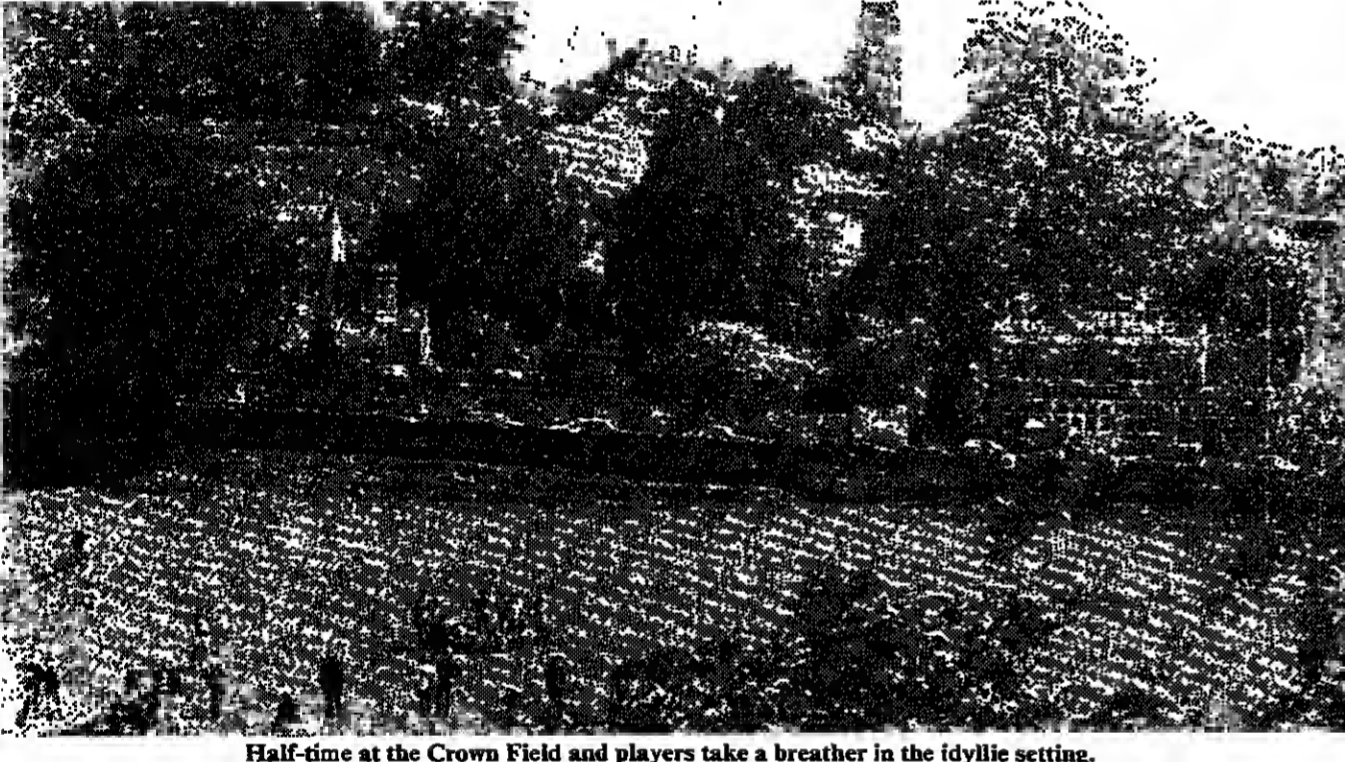
The green, green grass of Avondale

A handsome, hard-backed volume marks the centenary of Avondale RFC. It is subtitled 100 Years of Village Rugby, though it concerns itself with two villages, Bathaston and Bathford. The club was originally named Bathaston, but since 1896 the ground has been nearer to Bathford, at the Crown Field. You get a good view of it from the railway line between London and Bath. Travelling from Paddington, you find it on your left soon after leaving the Box Tunnel, shortly before arriving at Bath.

Avonvale ground is always green, for the same reason as Worcester cricket ground - half the year the river is at the bottom of the ground and half the year it is the other way round.

Most histories of this kind skip the early bits, which are the most difficult, though also the most interesting, and soon descend into a welter of boring statistics and team photographs. It is greatly to Mr Atchison's credit that he has avoided this. The statistics are kept to a minimum. The early years are given faithful research. It had not struck me before what an immense advantage the home side had 100 years ago, because of the difficulties their opponents had in getting to the ground.

Very little in the way of regular public transport was available... Horse-drawn trams operated from Bath as far as Grosvenor but walking was generally the accepted means of getting from one place to another. Very few people owned a bicycle... So rugby players making their way to and from a game had by necessity to walk most of their journey. Perhaps the visitors were already footsore and weary before the kick-off! How many players today would walk two or three miles, play a hard game of rugby and then have to walk home?



Half-time at the Crown Field and players take a breather in the idyllic setting.

Gavaskar achievement praised by Bradman

Adelaide (Reuter) - Sunil Gavaskar's achievement in equalling Sir Donald Bradman's record of 29 Test centuries in 29 Test matches was praised from the great Australian batsman.

Pakistanis ease to victory

Adelaide (Reuter) The Pakistanis secured their first win in a first-class match on their Australian tour when they defeated South Australia by seven wickets on the final day of a four-day match here yesterday.

Australia not over the moon

Grenoble (Reuter) - Brendan Moon, a winger and the most experienced player in the party, may miss the rest of Australia's tour of France. Moon capped 24 times, but a national selection in Grenoble with a thigh muscle injury. He has a last chance to prove his fitness against a provincial selection in Perpignan on Saturday.

Calling for a Packer type

Wellington (Reuter) - The New Zealand lock, Andy Haden, said yesterday that the sport needed someone like Kerry Packer to make it professional rugby a reality. Haden, who says he will turn professional if a projected rugby union circus becomes a reality, said the Australian promoter David Lord, who probably had a "big part" player in any successful move to establish professional rugby.

Law Report November 1 1983 Court of Appeal

No criminal offence of father kidnapping his own infant known to law

Regina v D Before Lord Justice Watkins, Mr Justice Mudd and Mr Justice Skinner Judgment delivered October 31 Judgment delivered on the kidnapping of a child under 14 years of age was known to the law and the offence of kidnapping was not committed by a parent snatching a child under 16 unless the child was lawfully married under that age.

The Court of Appeal so held in a judgment reserved from June when allowing an appeal by, and quashing the convictions of, father, a New Zealander, at the Central Criminal Court (Judge Lymbury and 2 jury) in May 1982. He was tried on an indictment which charged him with kidnapping his daughter, a ward of court, aged five years, in that he stole her and unlawfully carried her away against her will, and with contempt of court on two occasions in taking her outside England and Wales when she was aged two and again when she was aged five.

It was beyond doubt that those convictions were of outstanding importance. This was the first time in legal history, their Lordships were told, that a father had been convicted of kidnapping his own child.

Mr Taylor contended that, if the conviction was upheld, it would create an undesirable precedent which, if followed, would be an impediment to the proper administration of justice as affecting family matters and an unnecessary burden on juries.

Let it be said that the thought that their Lordships came to their conclusion as to the problems of proof of a minimal discord only in mind, they made it clear that their decision was of general application. Accordingly, it would be a person who was not a parent and who took away a child.

In their Lordships' view the offence of kidnapping, with one exception, was not committed by a parent who snatched a child under the age of majority, now 16 years of age, from the custody of any other person, or who snatched a child who was no longer possessed by his parents. The exception was that when a child had lawfully married under 18 years of age, no offence of kidnapping might be committed against that child as it could against a person who had acquired majority.

The English champions did have one last reason to cheer when they lost to MIM, the Scottish champions, in the unofficial British Championships, and are in no doubt about the toughness of their task in Austria. The CA Tyrolia have nine internationals in their encounters. It could be a hard, even match.

light of the remedies now available and, having regard to the nature of the proceedings, that that form of proceeding should be resorted to. For a very long time now contempt in all contempts cases has been made by judges who were best equipped to tell whether a contempt had been committed and might very well be able to do so on affidavit evidence alone. It was not in the best interests of anyone that a by now almost ancient way of proceeding should be resurrected even if it is thought proper to do it "in order to do justice in a particular case". That was no sufficient reason for doing that which was now unacceptable.

Lack of certificate fatal to conviction

Bentley v Chief Constable of Northumbria Before Lord Justice Watkins and Mr Justice Mudd Judgment delivered October 31

The mere presence of the defendant's surname on a blood sample received by an analyst at a testing laboratory was insufficient to identify it as that taken from the defendant by a medical practitioner while in custody.

The Queen's Bench Divisional Court held in allowing an appeal by Mr Roy Bentley against his conviction by the Gateshead Justices on March 9, 1983 of driving with excess alcohol in his blood, that the certificate produced by the analyst pursuant to section 10 of the 1972 Act, but of oral evidence from the analyst that he had received a blood sample marked "Bentley", without initials, and the evidence from the medical practitioner responsible for

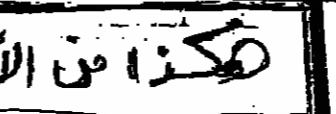
taking the sample that he had done so. There was no evidence of the date when the test was administered, nor was there a police station reference number attached to the sample.

No reasonable bench of justices could have concluded, on the evidence before them, that the sample which was tested at the laboratory had been taken from the defendant.

They were however entitled to assume, in the absence of contrary evidence, that the "Alcolyser" was a device approved by the secretary of state.

Mr Justice McCullough agreed. Solicitors: Park Nelson & Doyle Devonshire for John Bentley, Gateshead; Mr Derek E. Brown, Newcastle-upon-Tyne.

Advertisement for 'International Practical' and 'Assist Company Dept' with various text and graphics.





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